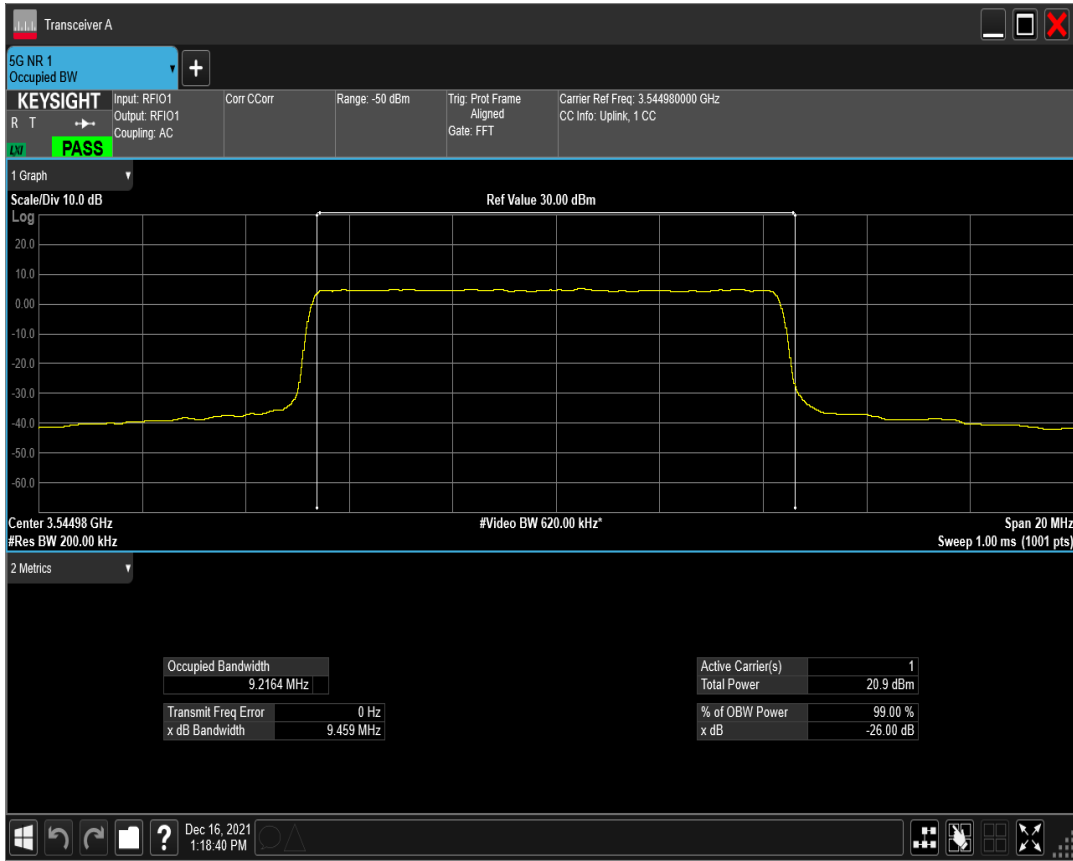
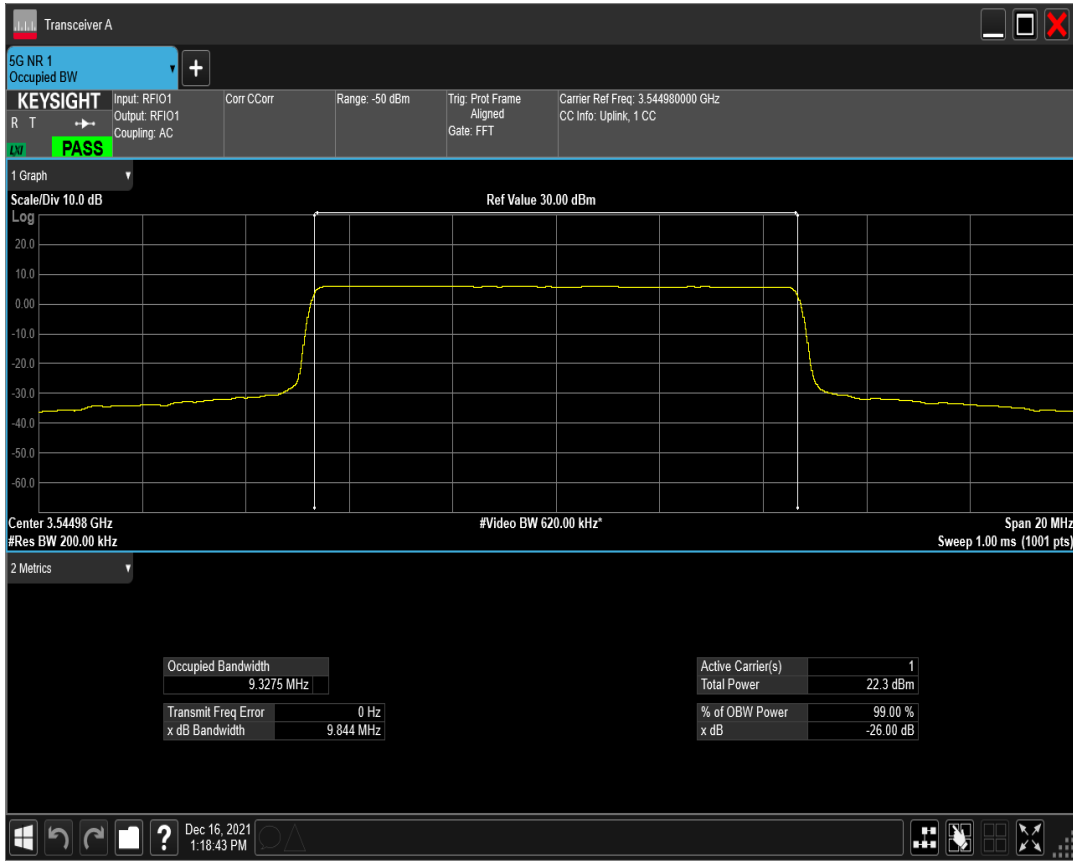


n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=10MHz Channel=636332 RB=50@0



n77(3450-3550) SCS=15kHz CP\_QPSK BW=10MHz Channel=636332 RB=52@0



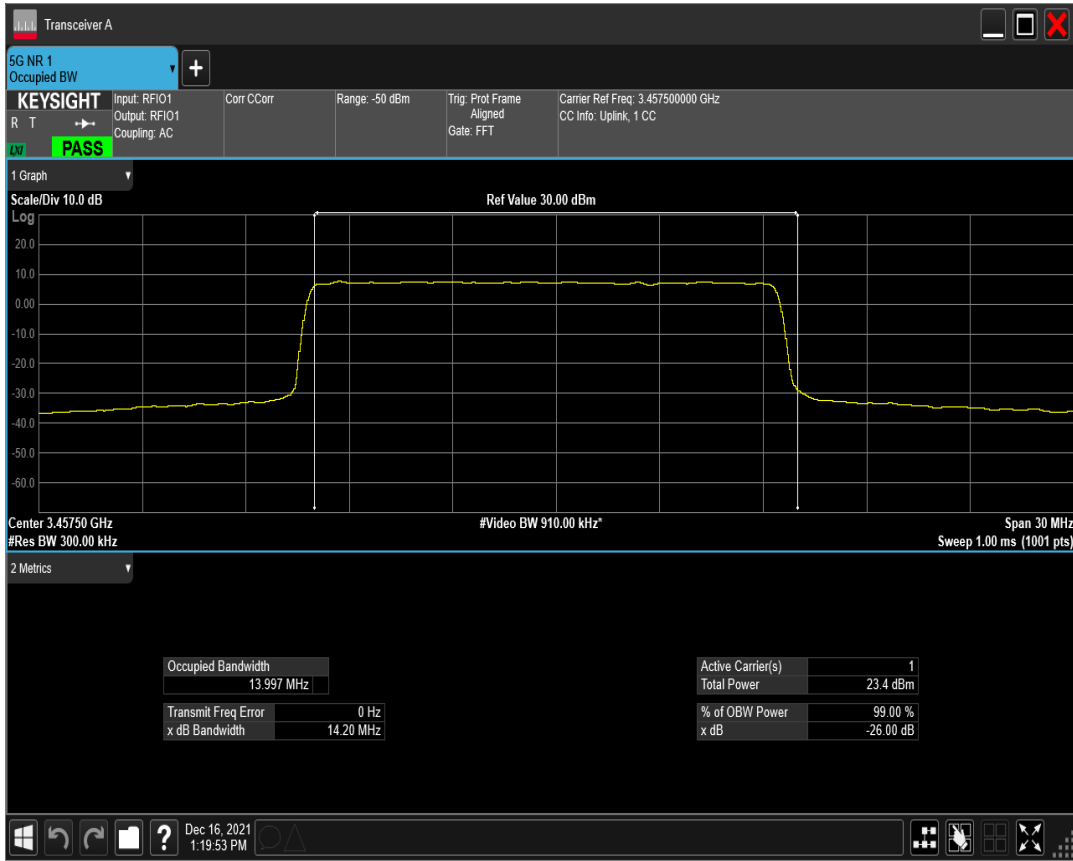
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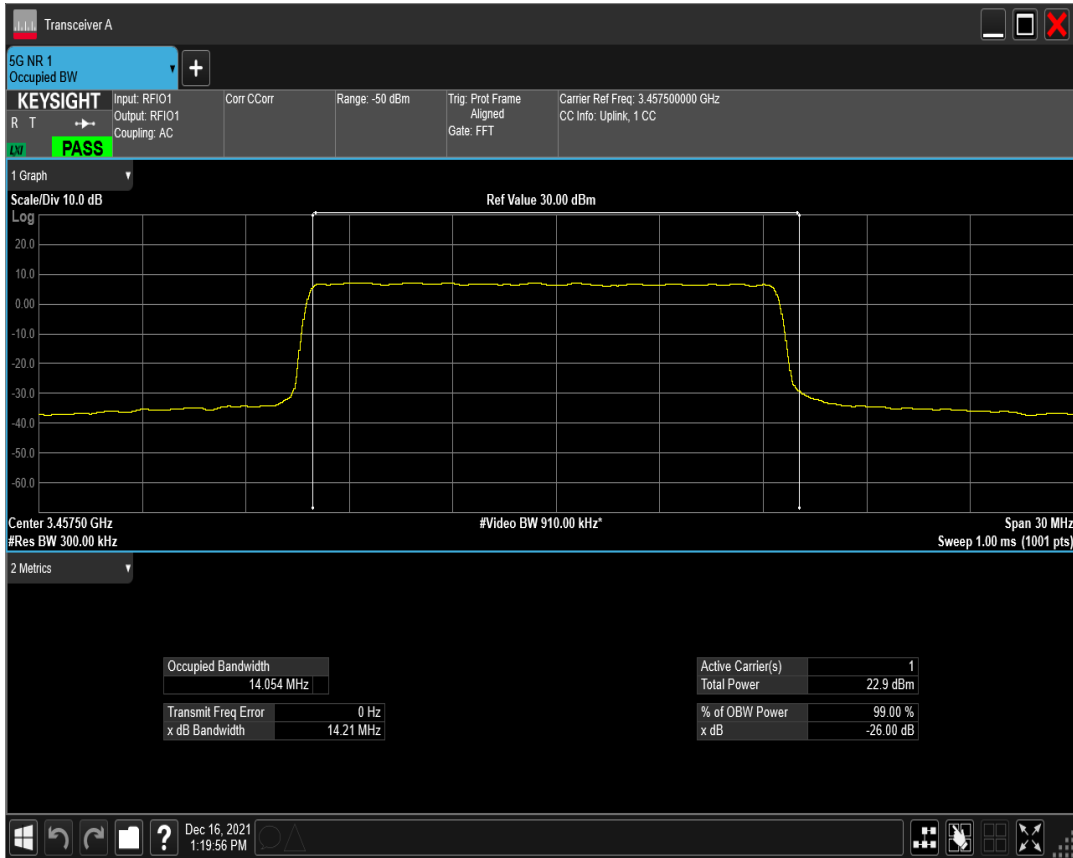
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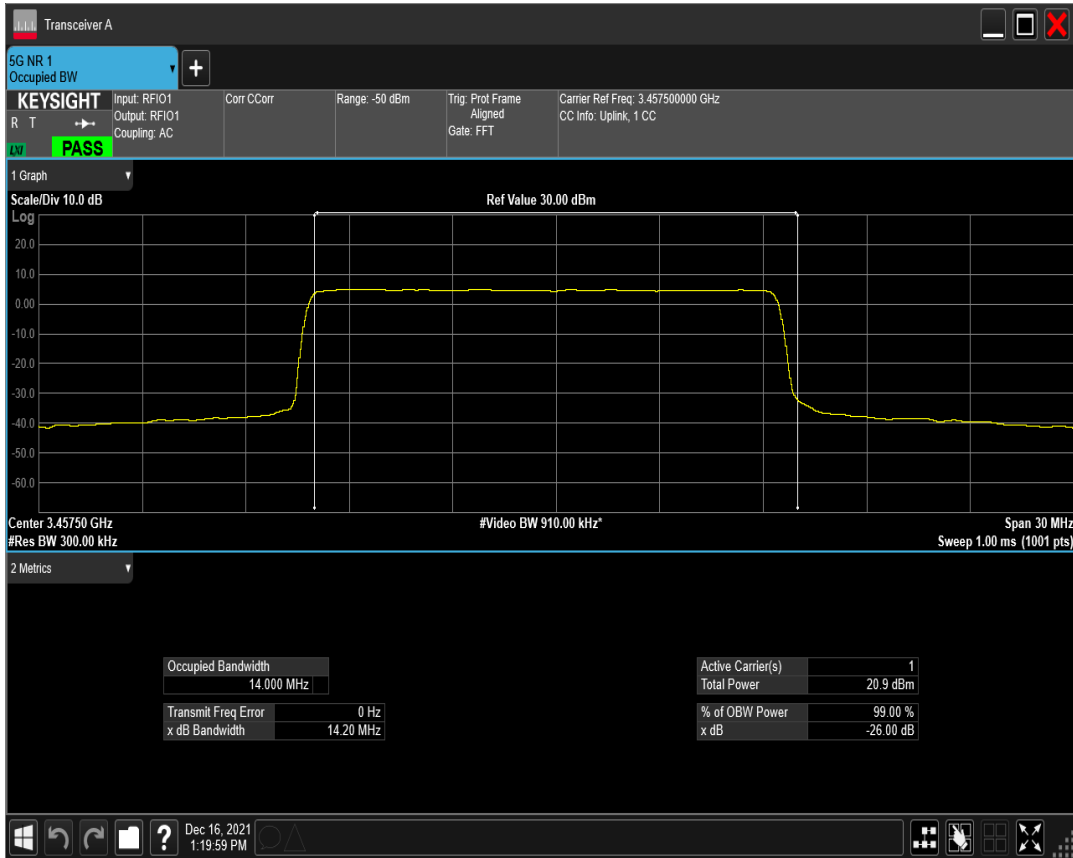
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=630500 RB=75@0



n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=15MHz Channel=630500 RB=75@0

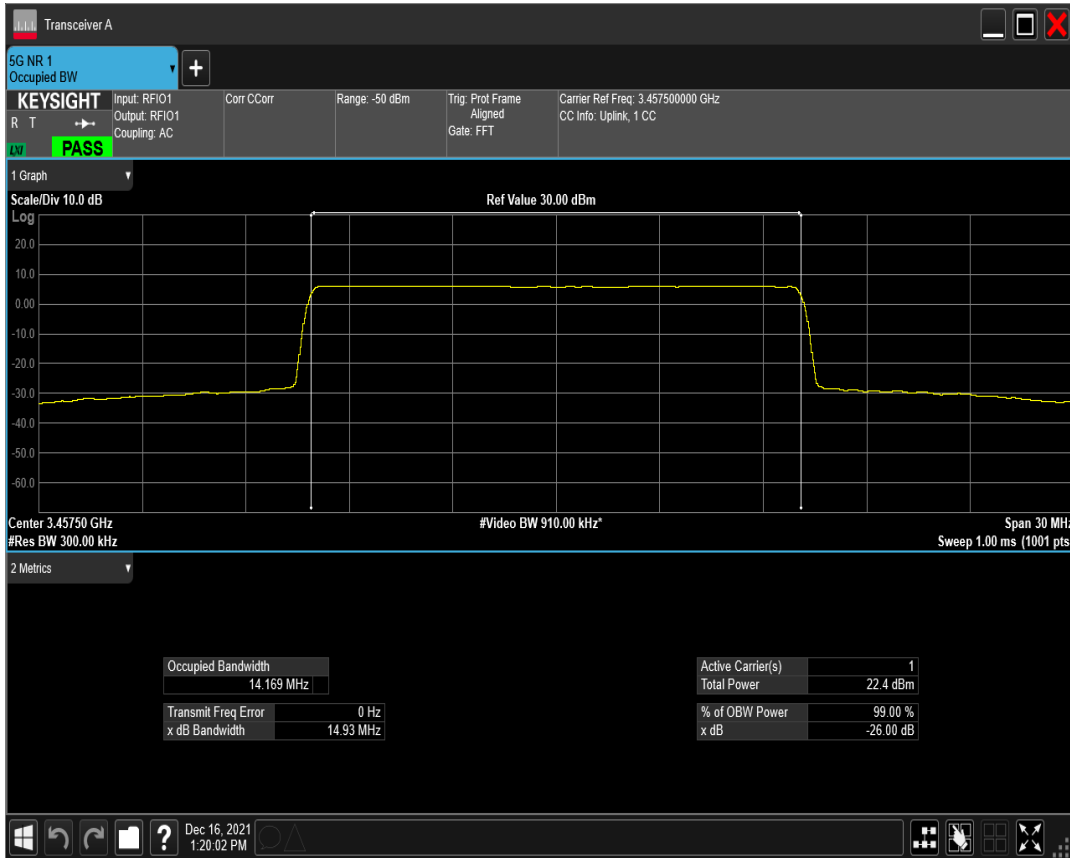


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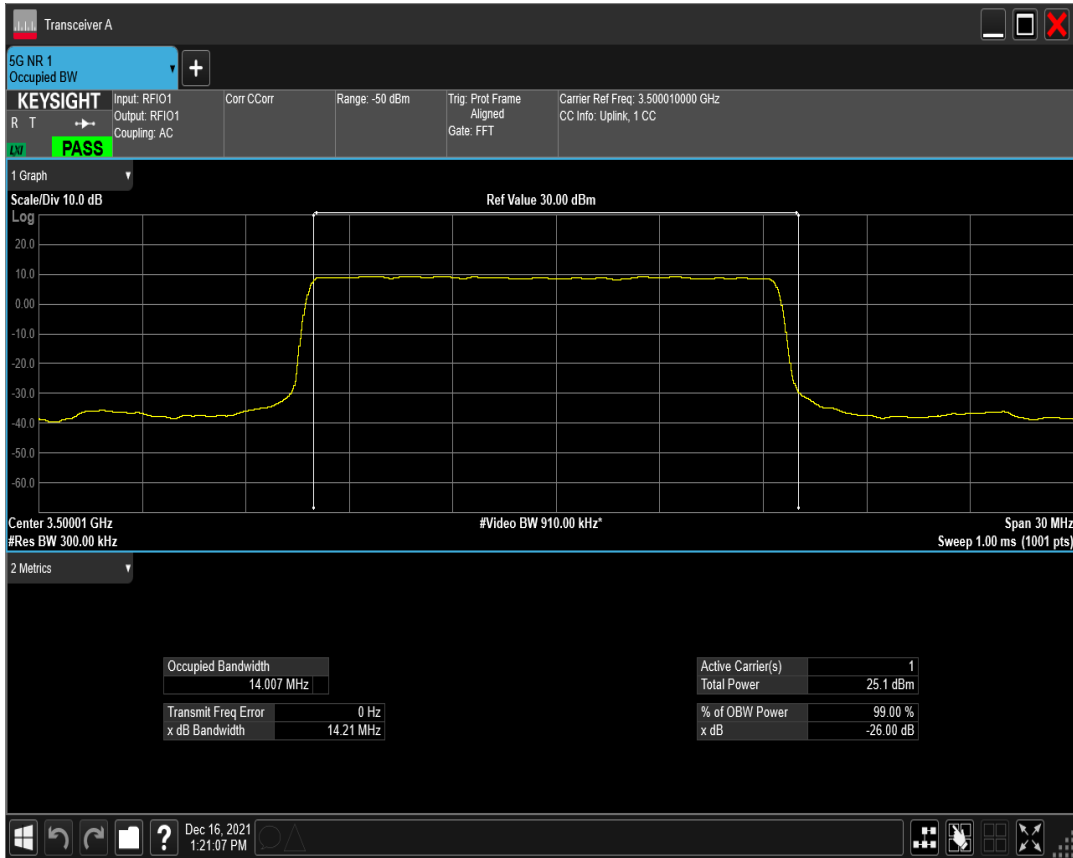


n77(3450-3550) SCS=15kHz CP\_QPSK BW=15MHz Channel=630500 RB=79@0

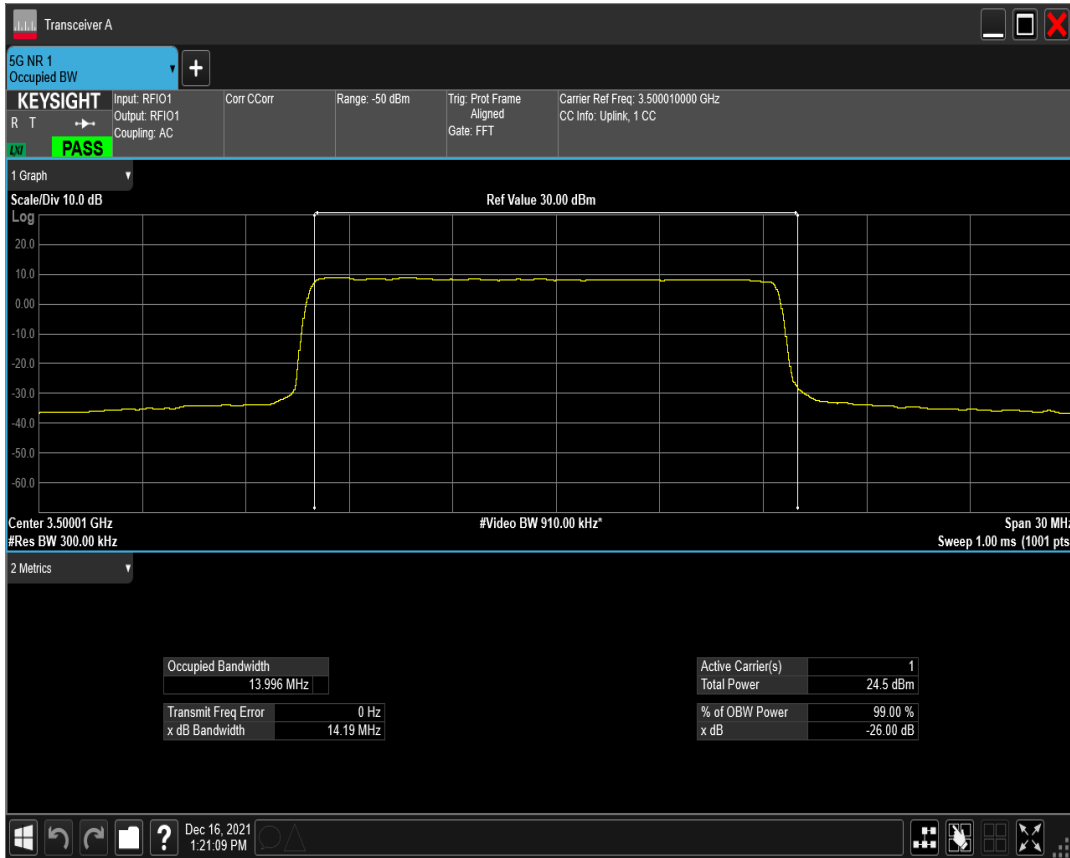




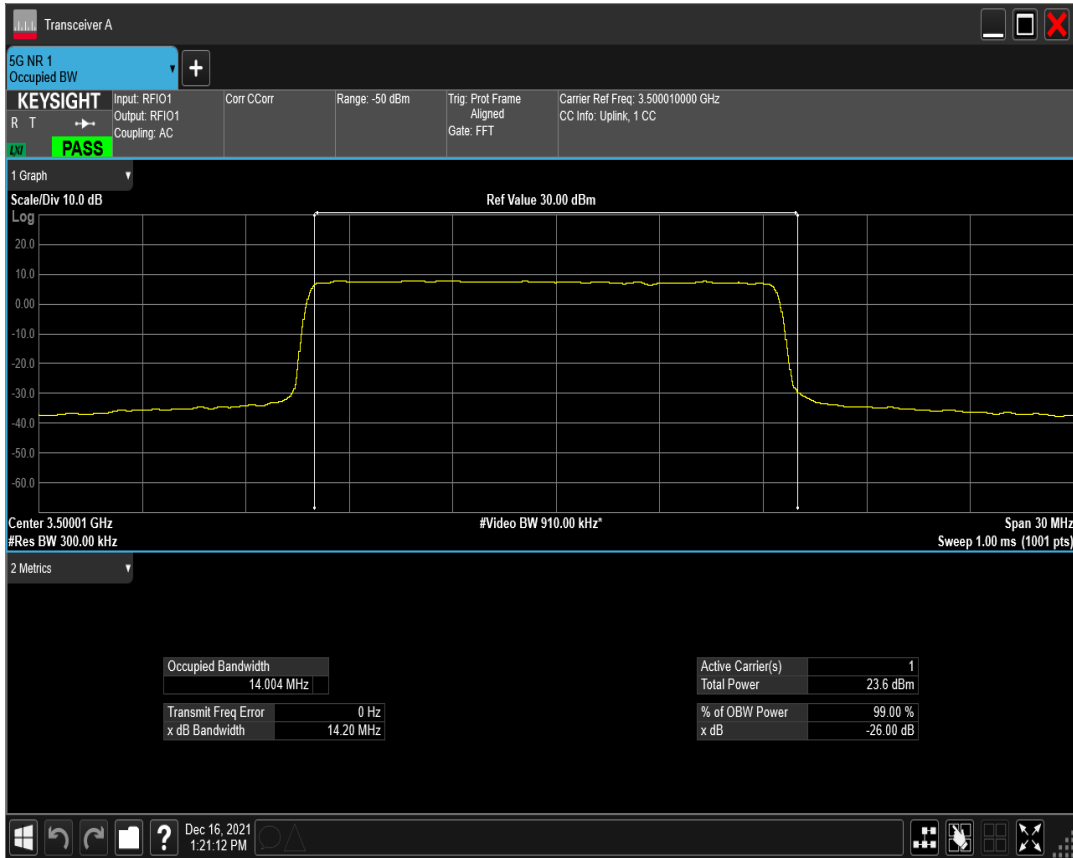
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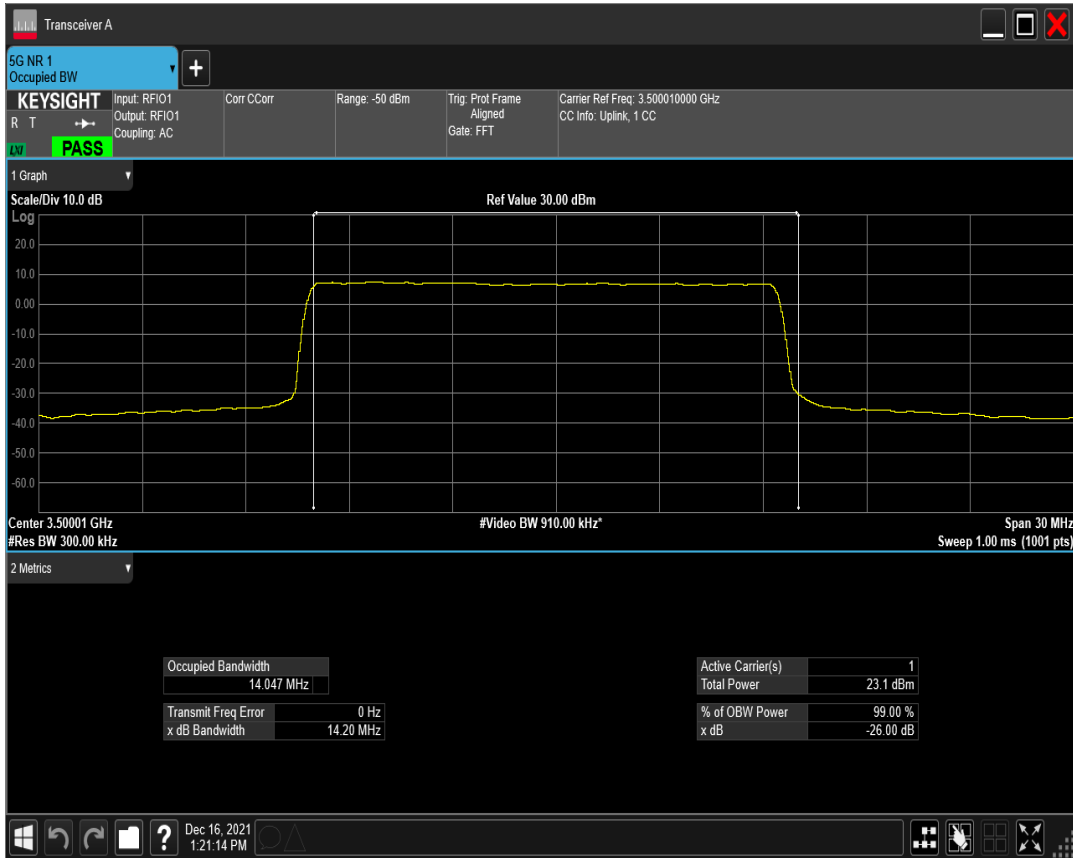
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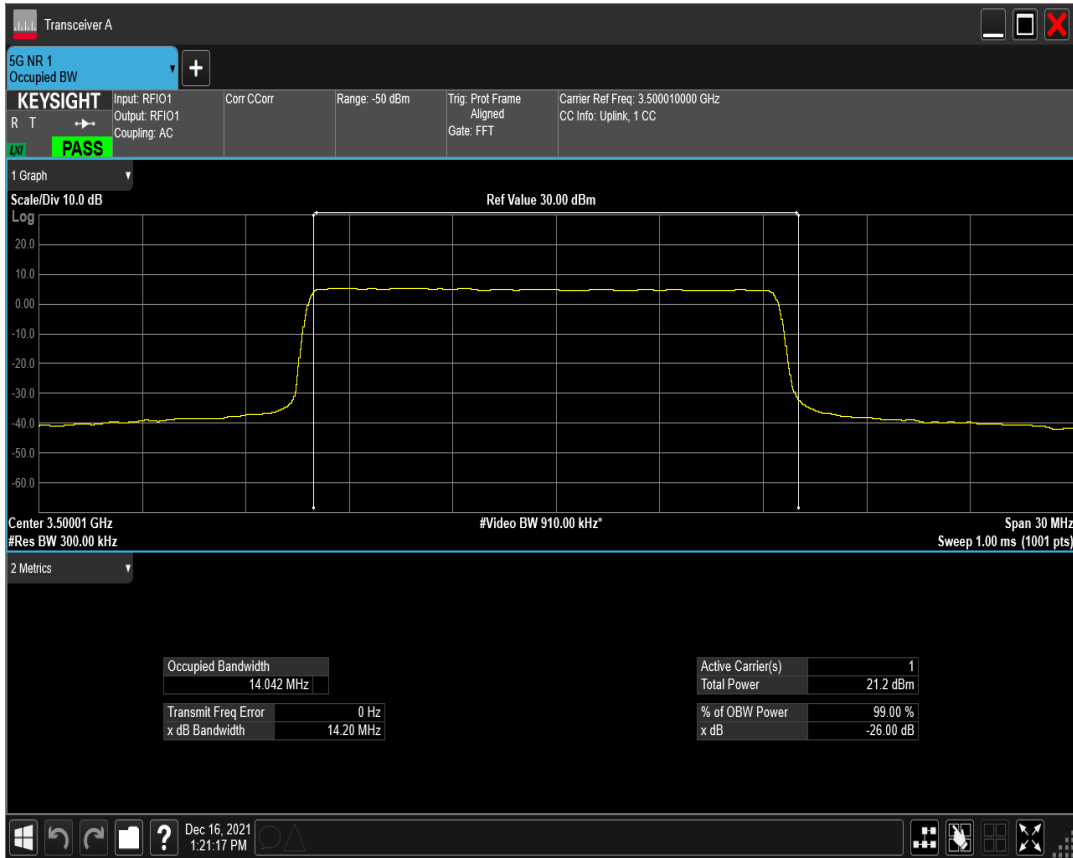
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=15MHz Channel=633334 RB=75@0



n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=15MHz Channel=633334 RB=75@0



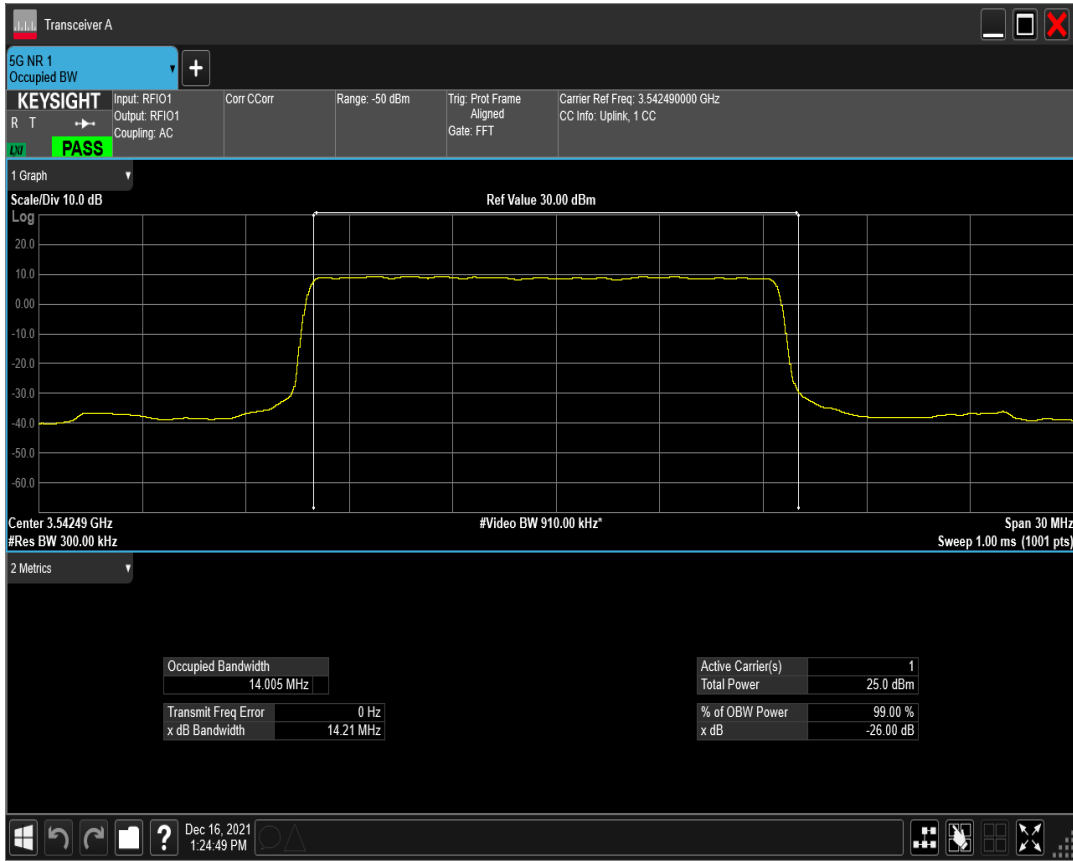
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=633334 RB=75@0



n77(3450-3550) SCS=15kHz CP\_QPSK BW=15MHz Channel=633334 RB=79@0

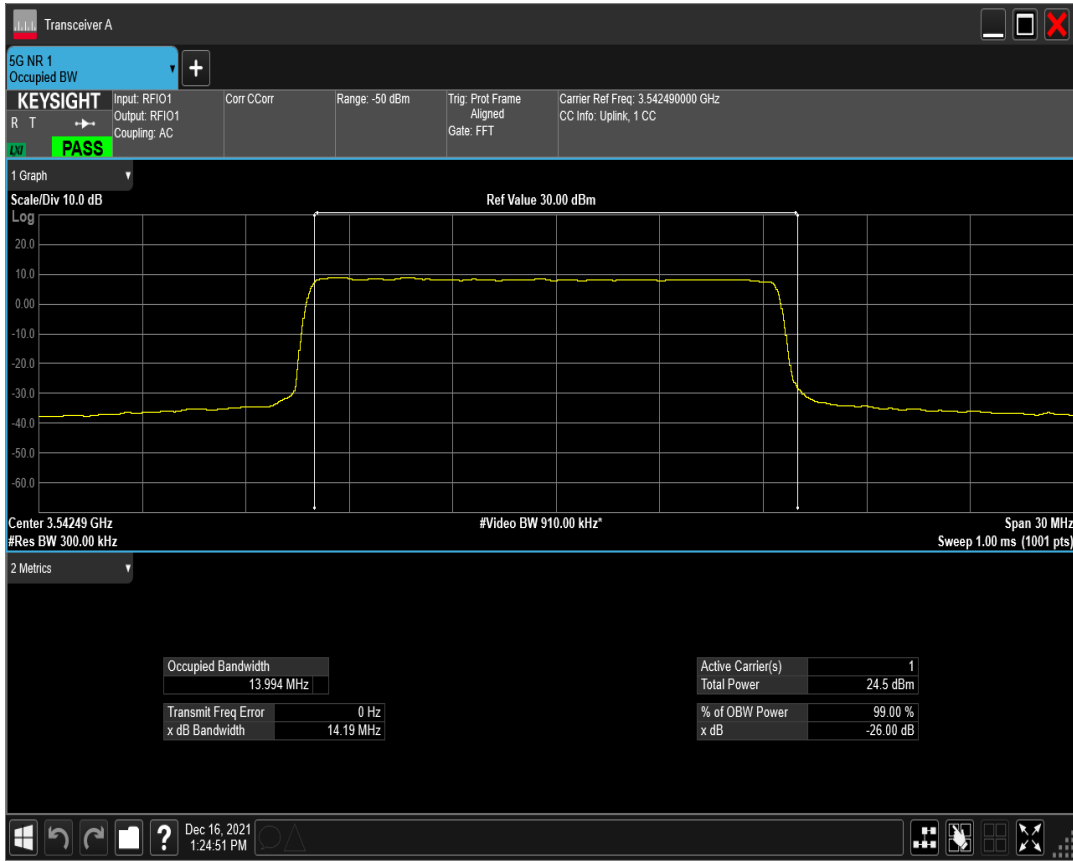


n77(3450-3550) SCS=15kHz DFT\_BPSK BW=15MHz Channel=636166 RB=75@0

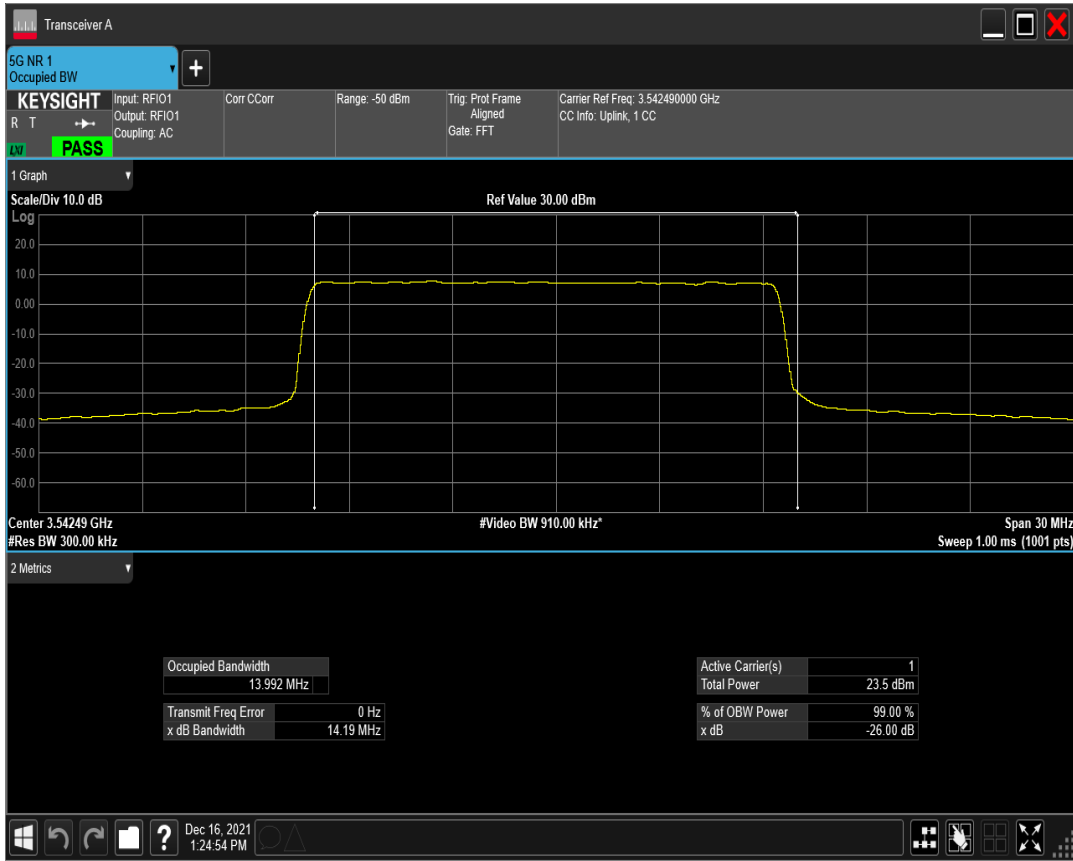


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=15MHz Channel=636166 RB=75@0

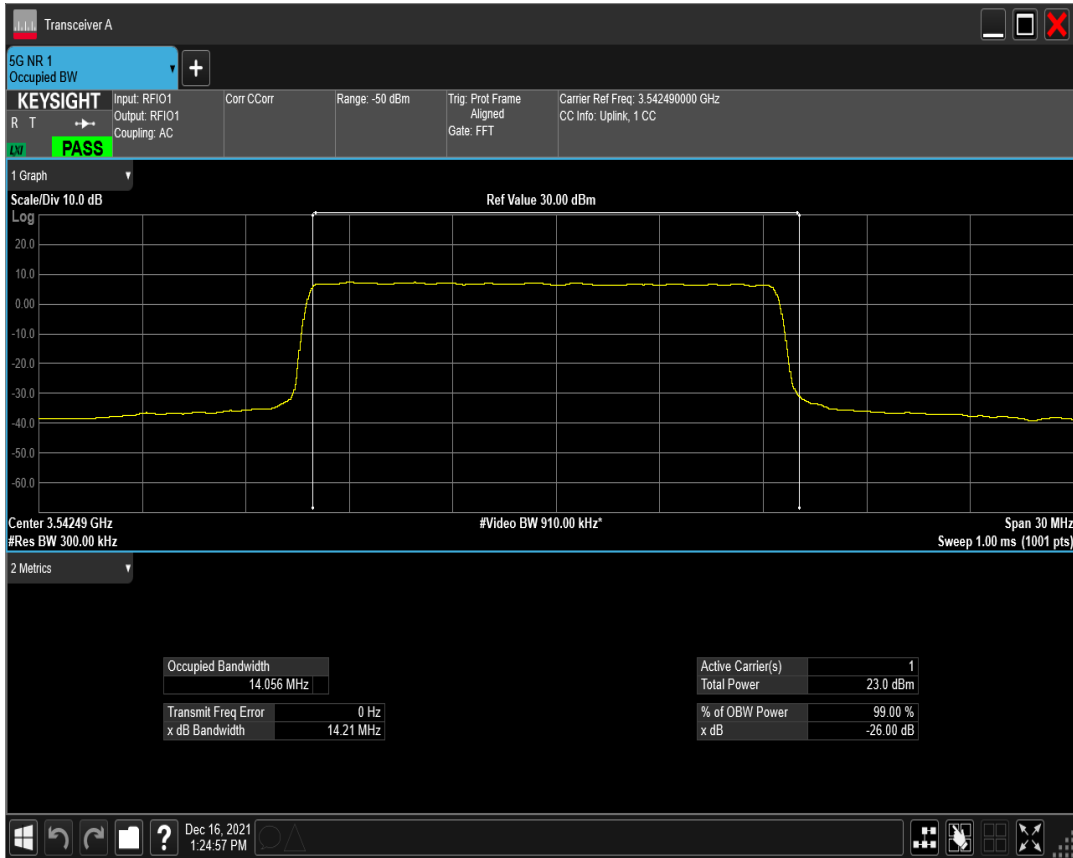




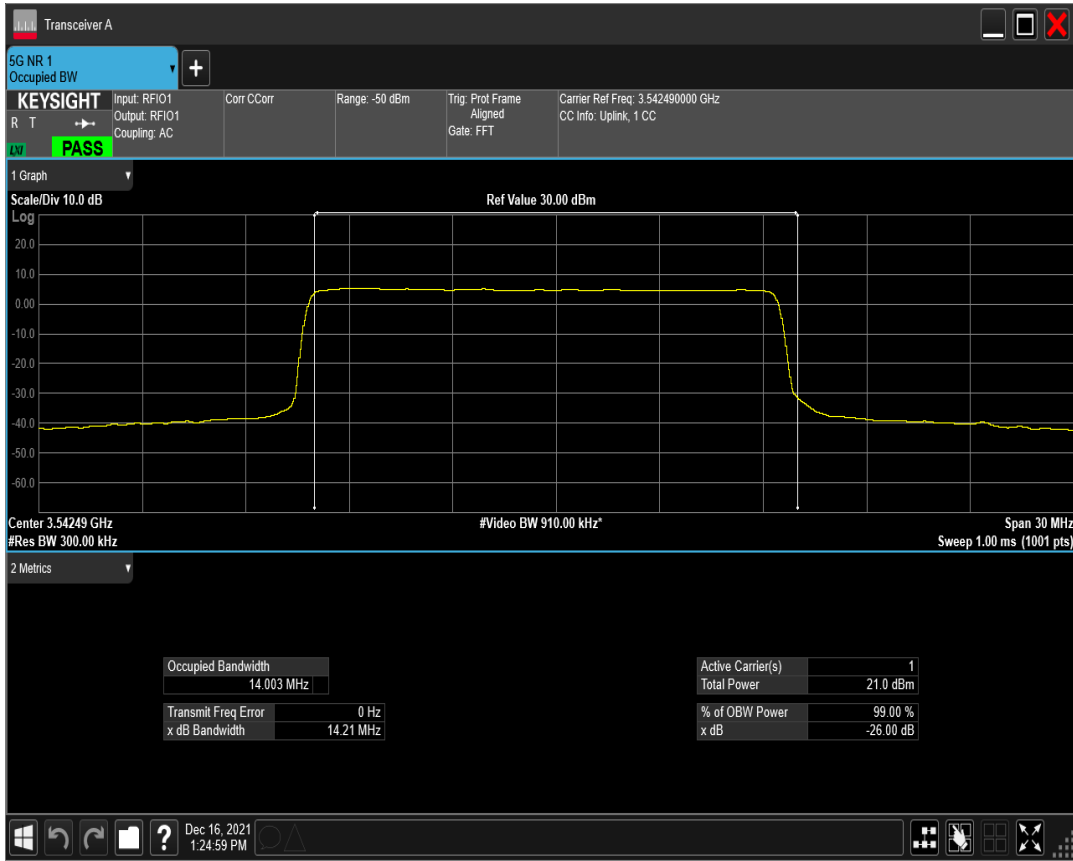
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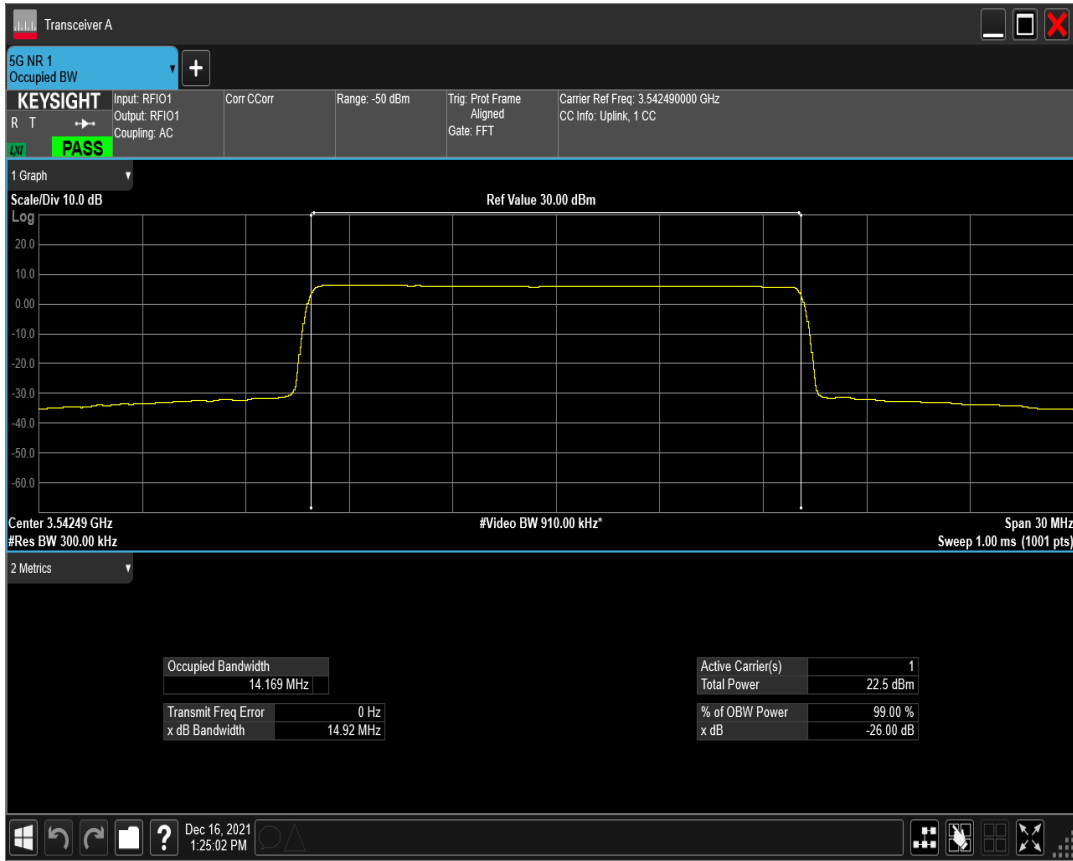
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=15MHz Channel=636166 RB=75@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=15MHz Channel=636166 RB=75@0



n77(3450-3550) SCS=15kHz CP\_QPSK BW=15MHz Channel=636166 RB=79@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=20MHz Channel=630668 RB=100@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=20MHz Channel=630668 RB=100@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=630668 RB=100@0

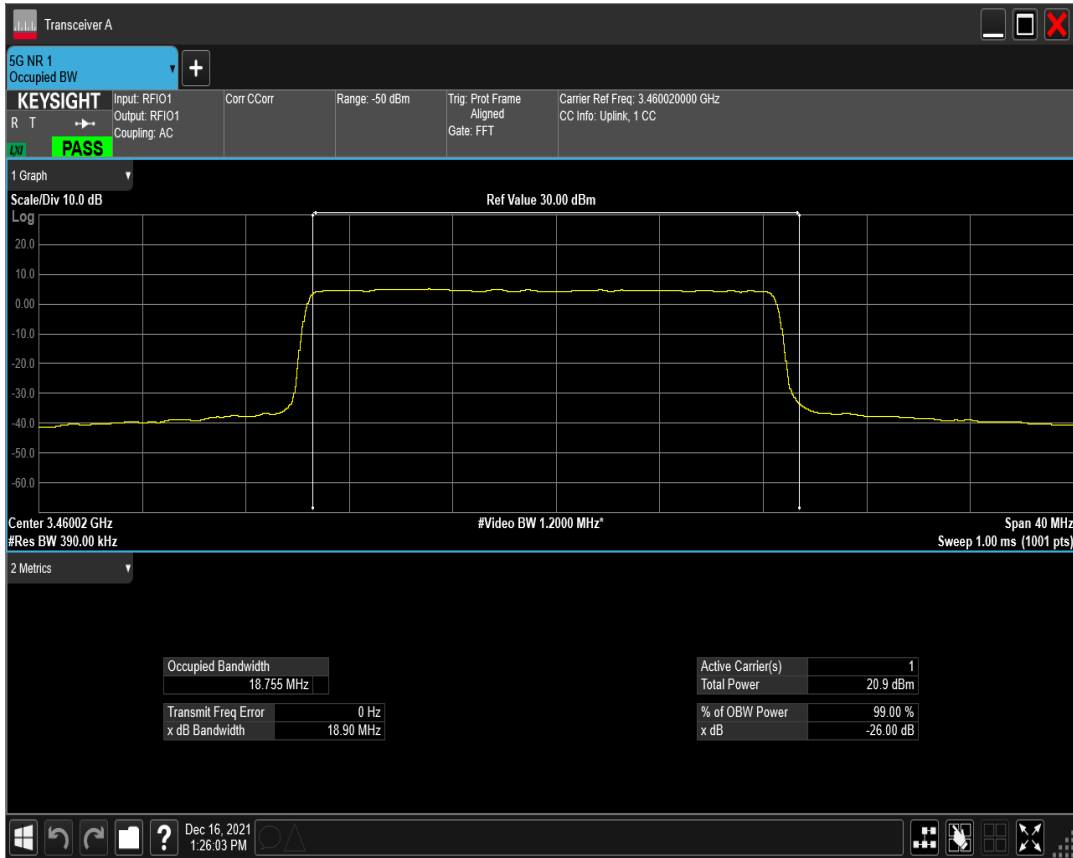


n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=630668 RB=100@0

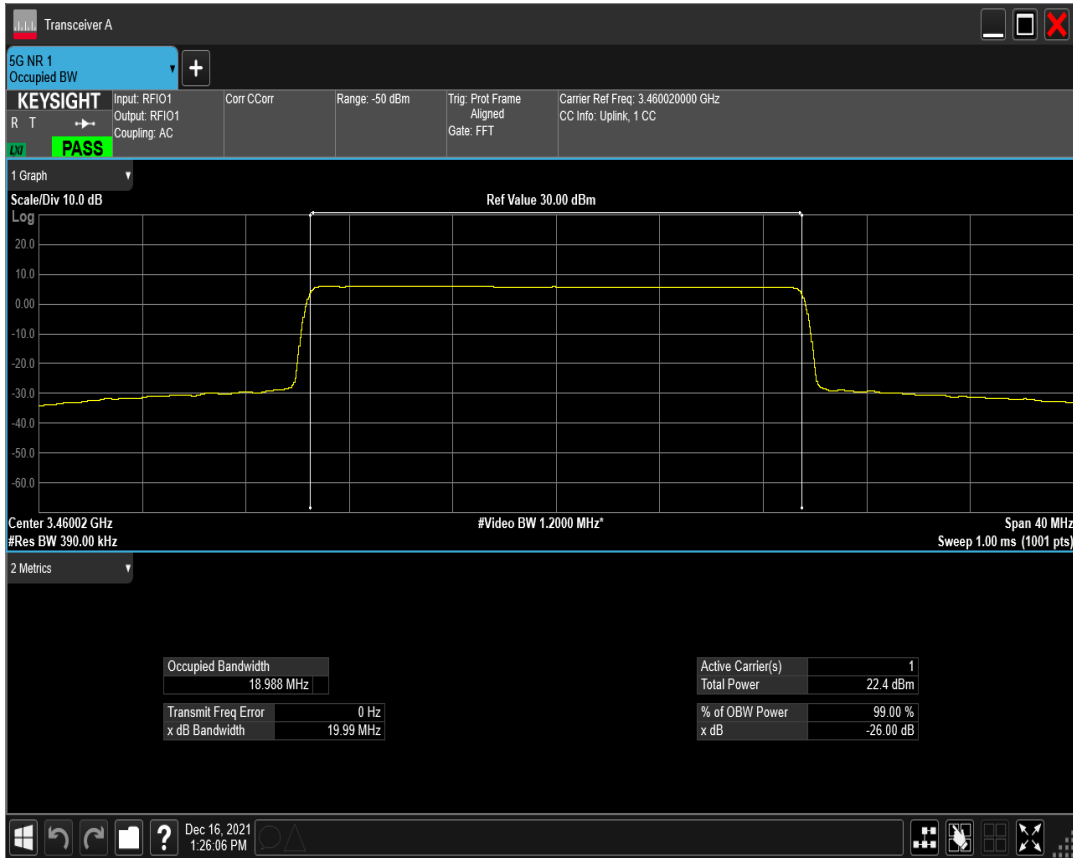




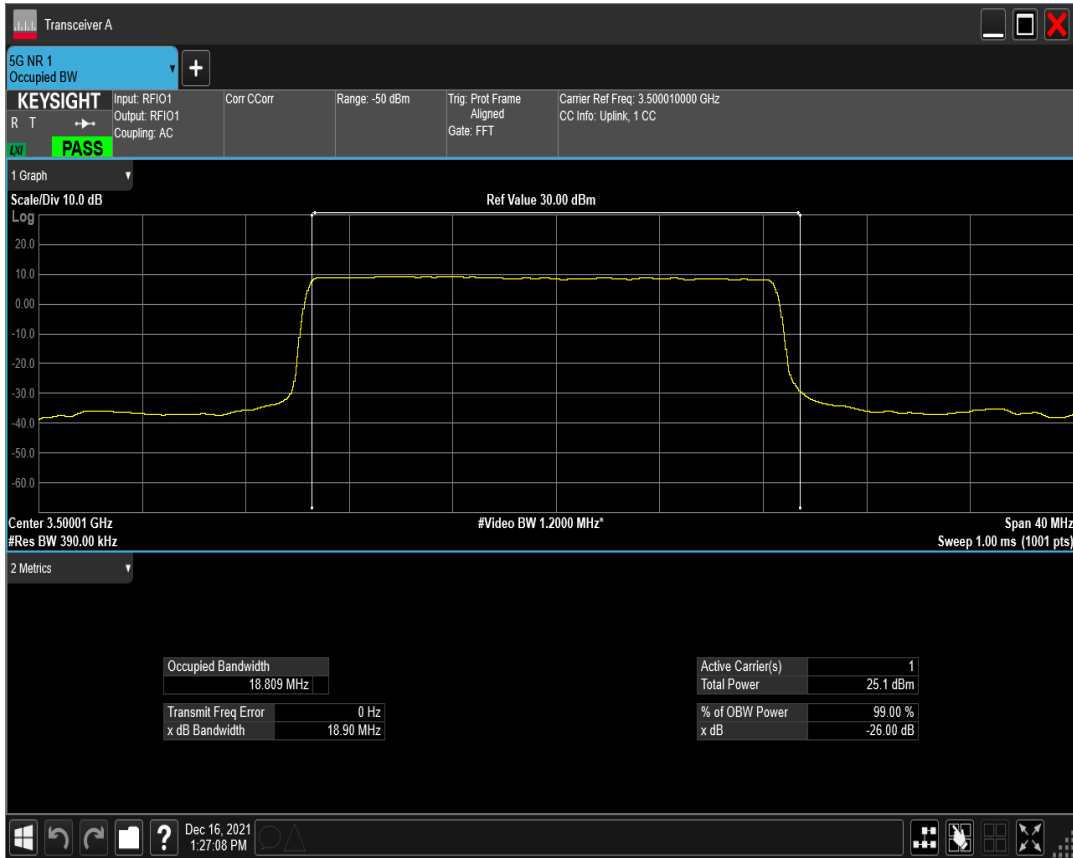
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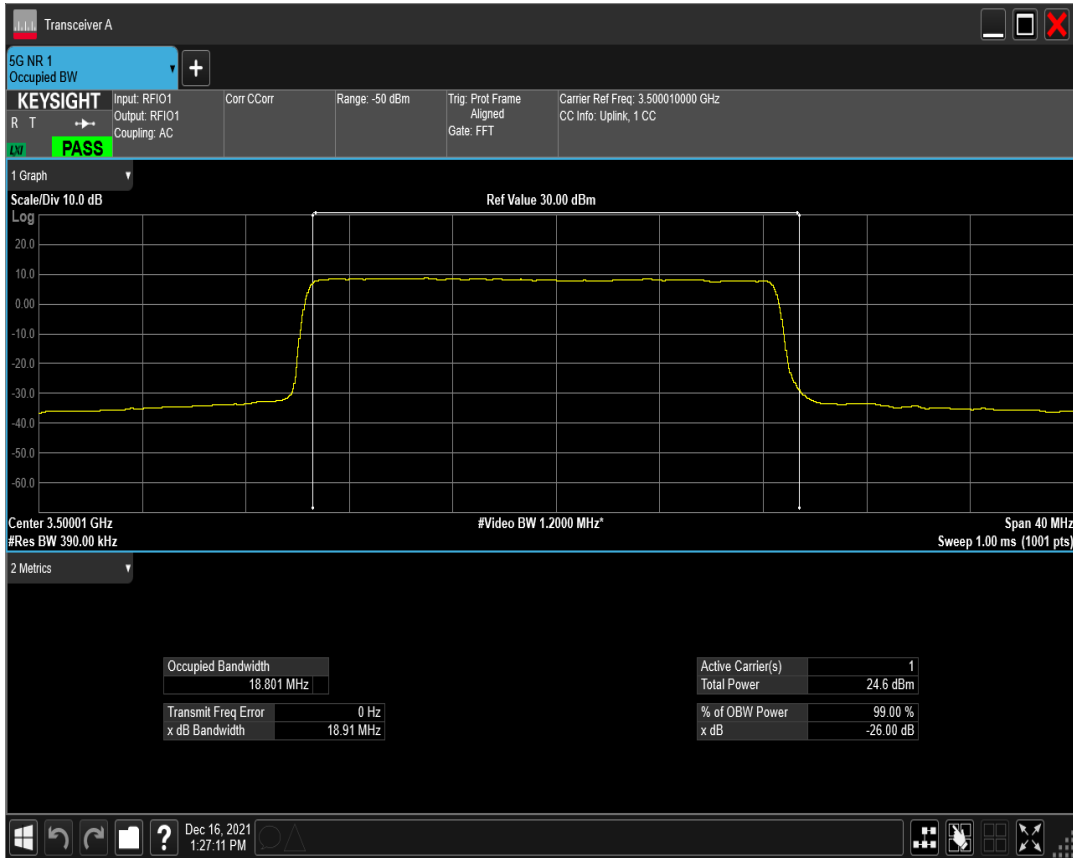
n77(3450-3550) SCS=15kHz CP\_QPSK BW=20MHz Channel=630668 RB=106@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=20MHz Channel=633334 RB=100@0



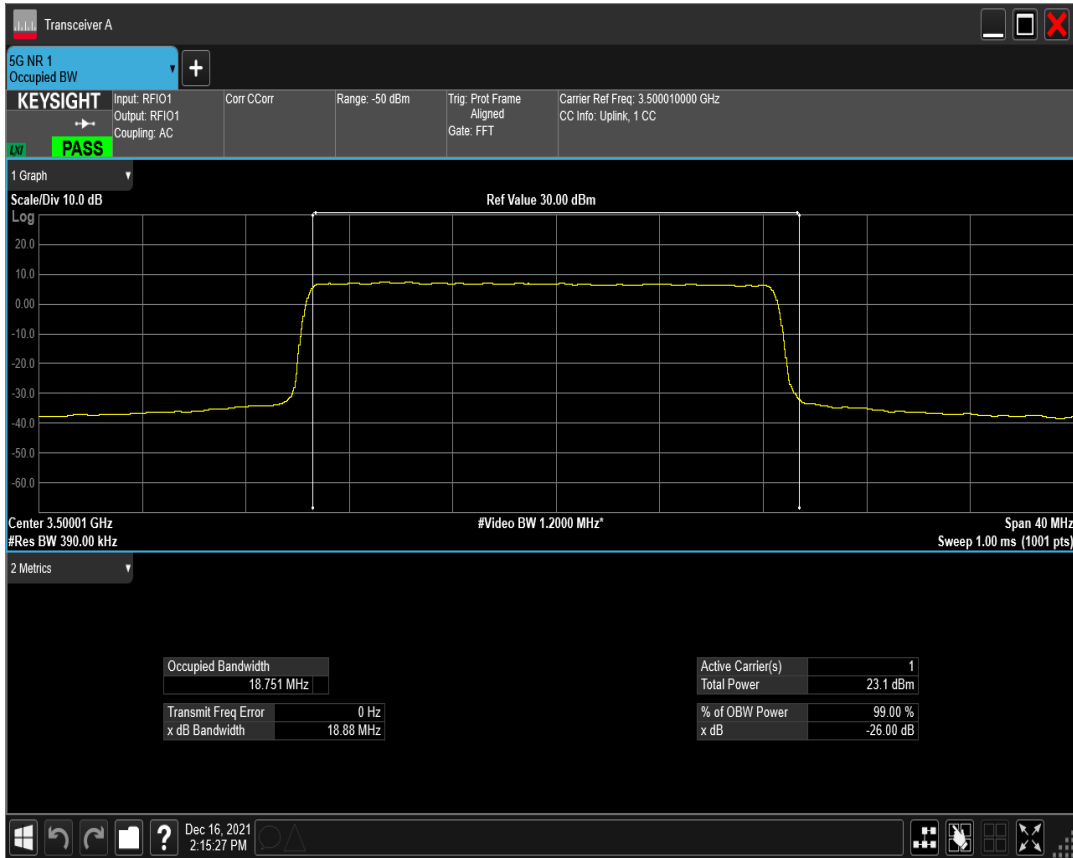
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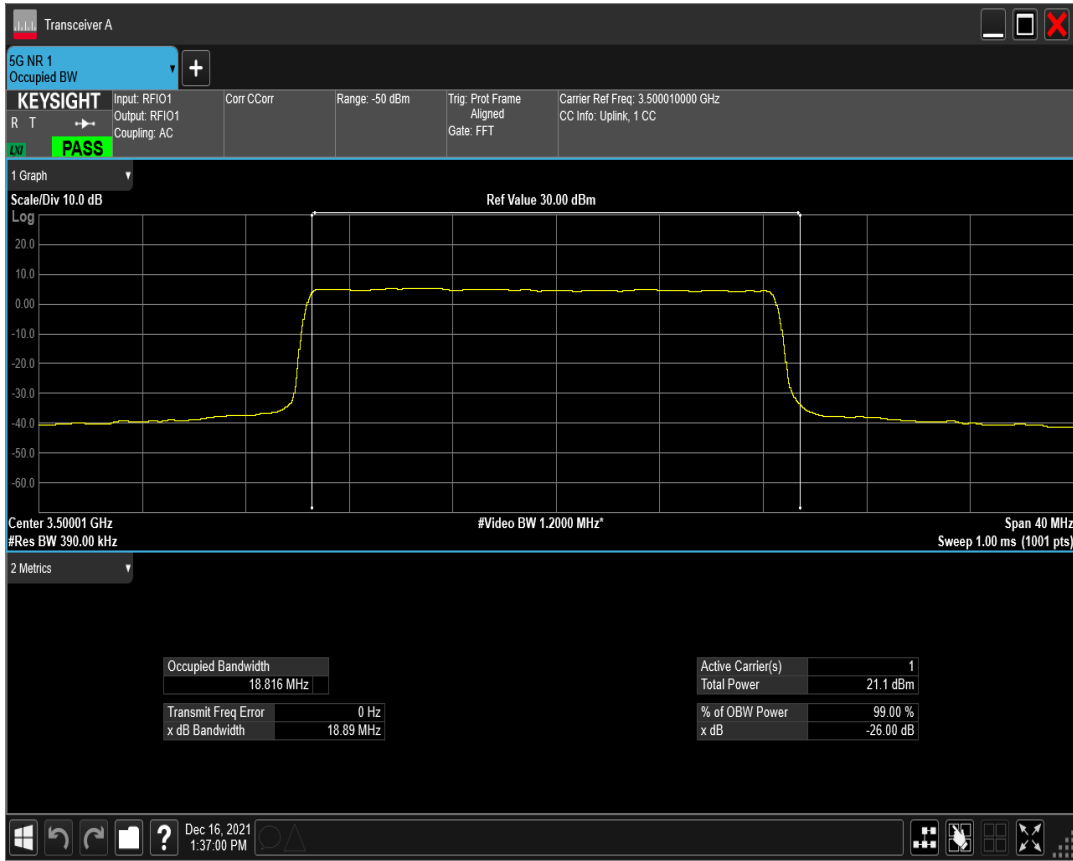
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=633334 RB=100@0



n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=633334 RB=100@0

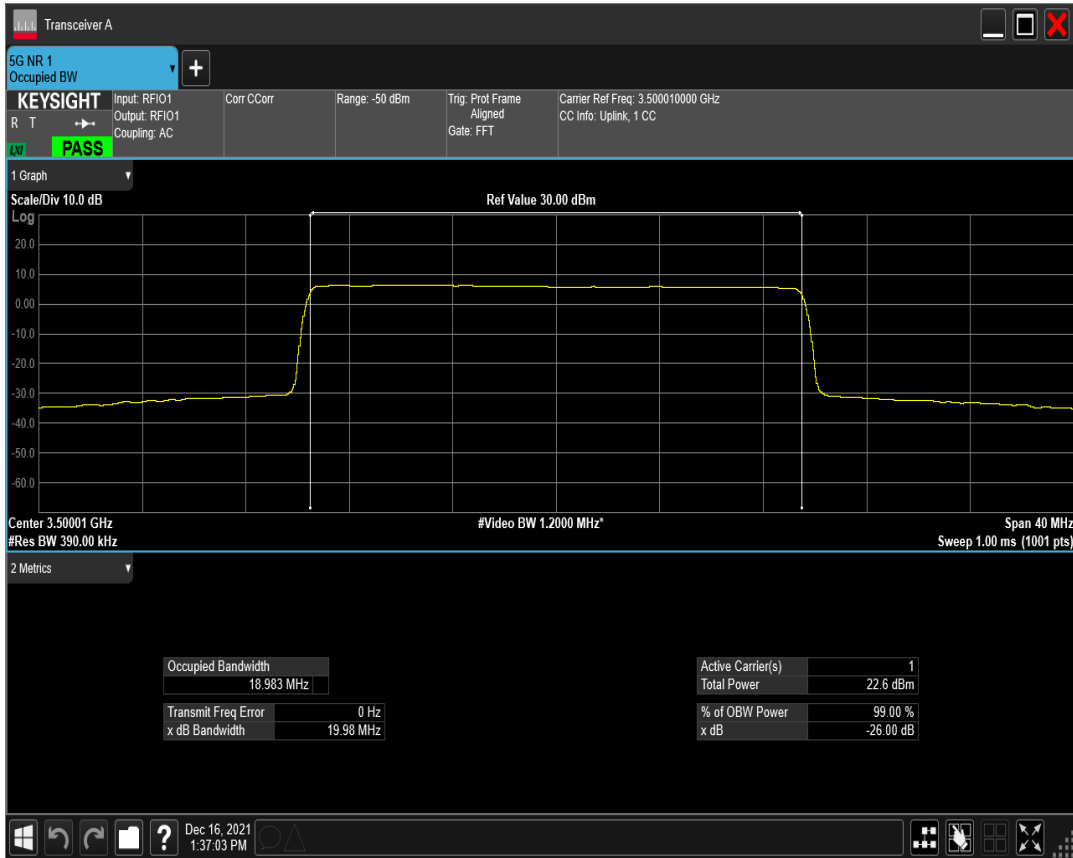


n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=633334 RB=100@0

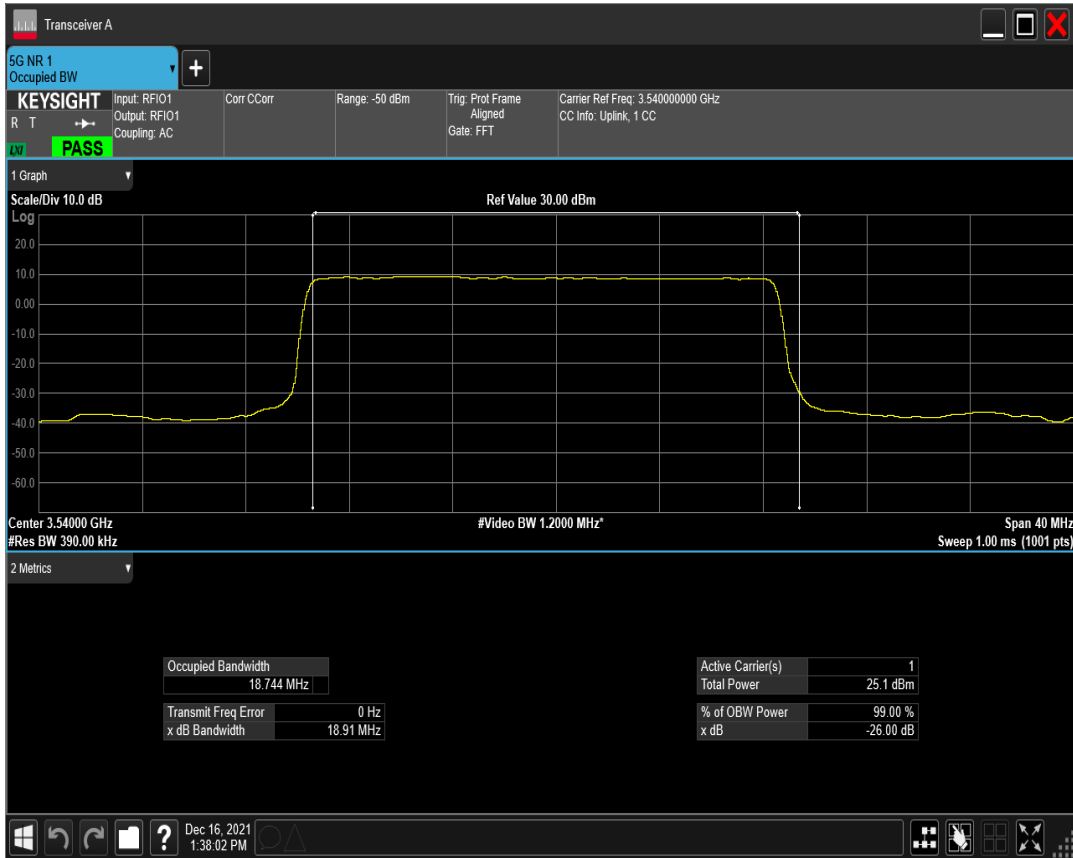


n77(3450-3550) SCS=15kHz CP\_QPSK BW=20MHz Channel=633334 RB=106@0

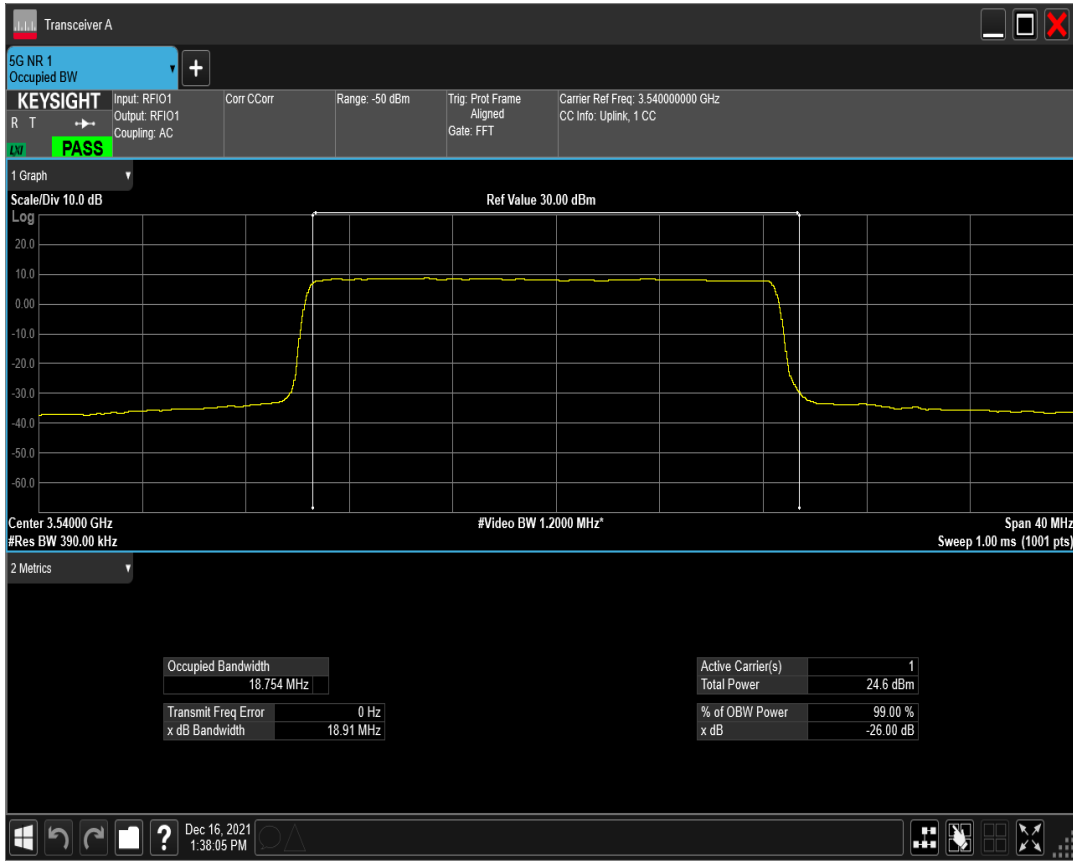




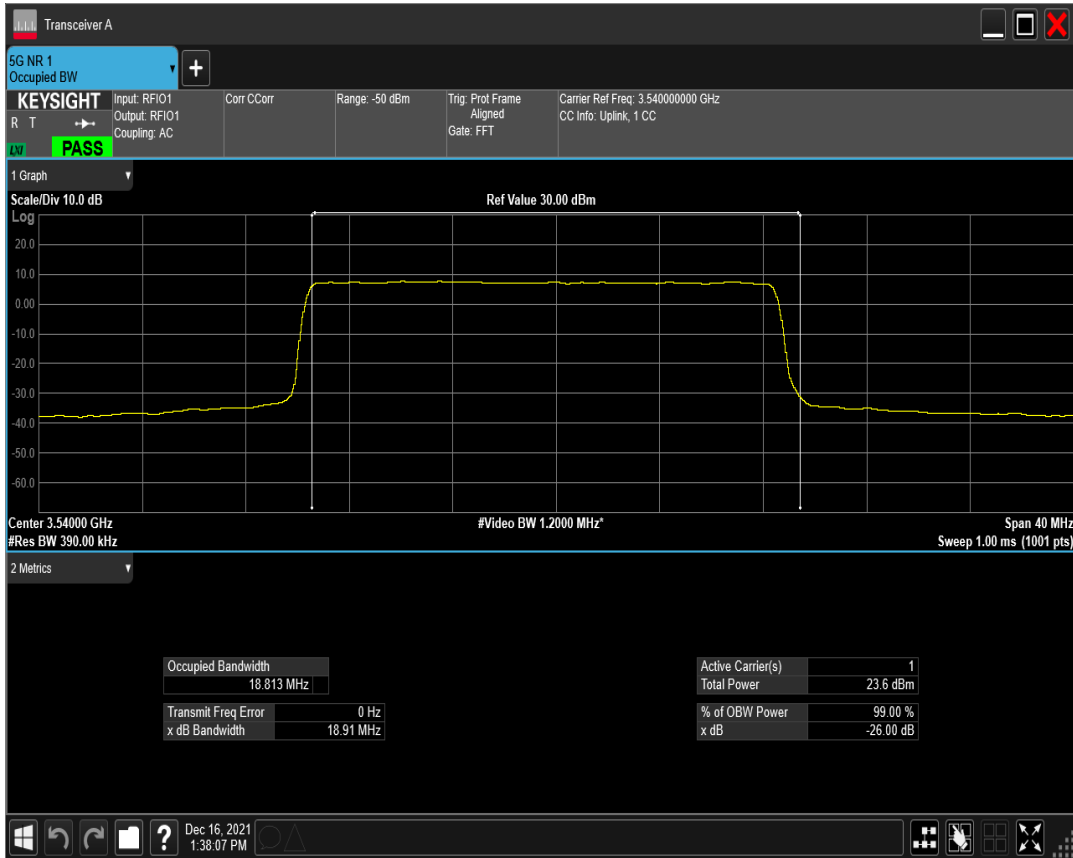
n77(3450-3550) SCS=15kHz DFT\_BPSK BW=20MHz Channel=636000 RB=100@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=20MHz Channel=636000 RB=100@0



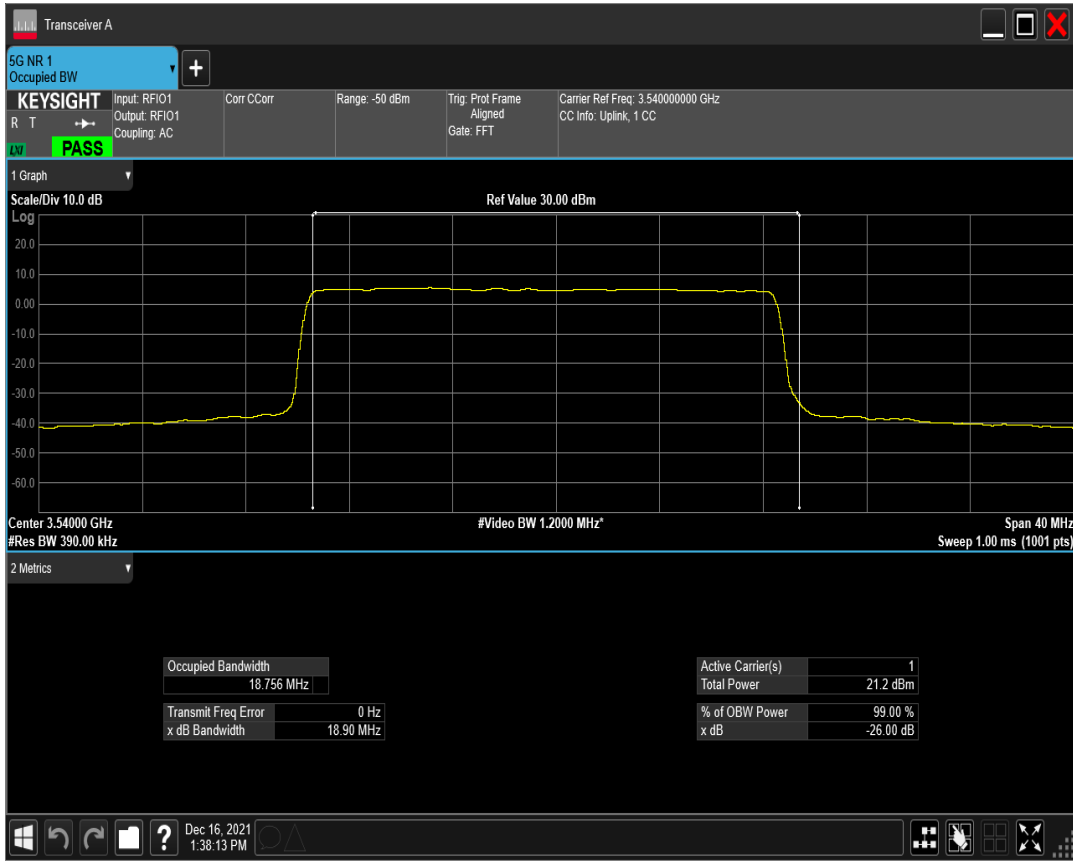
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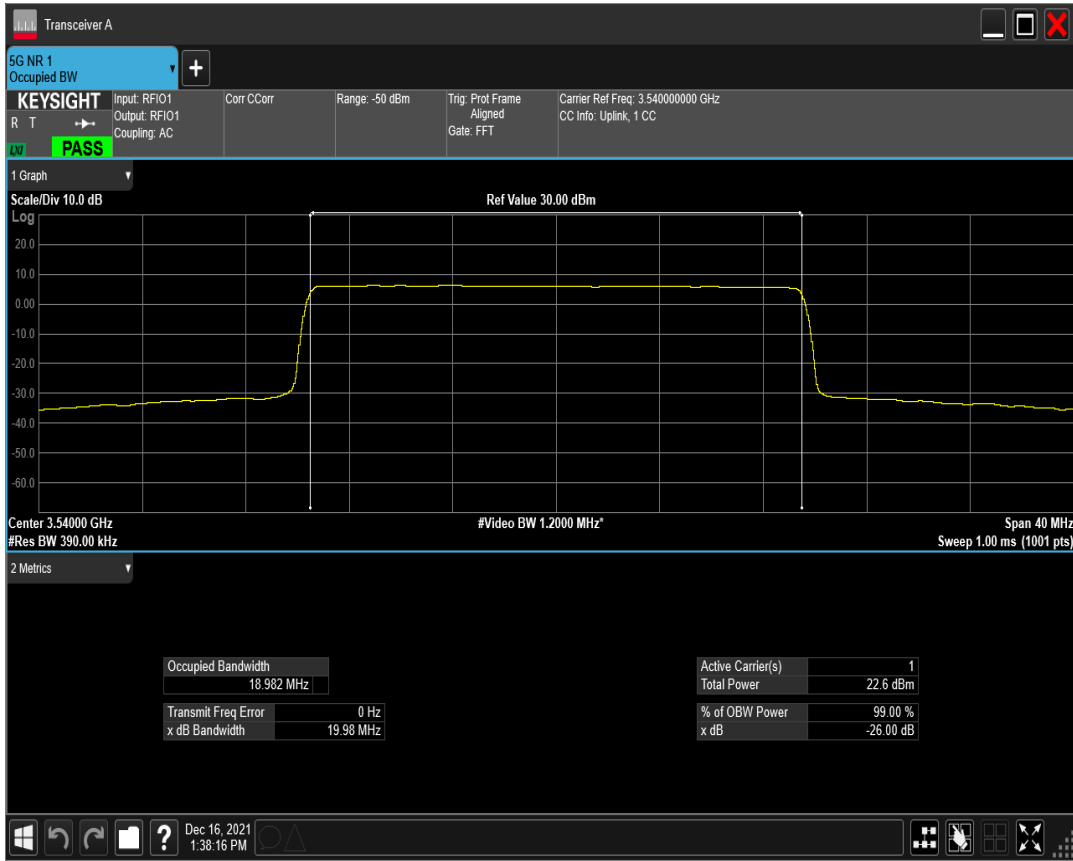
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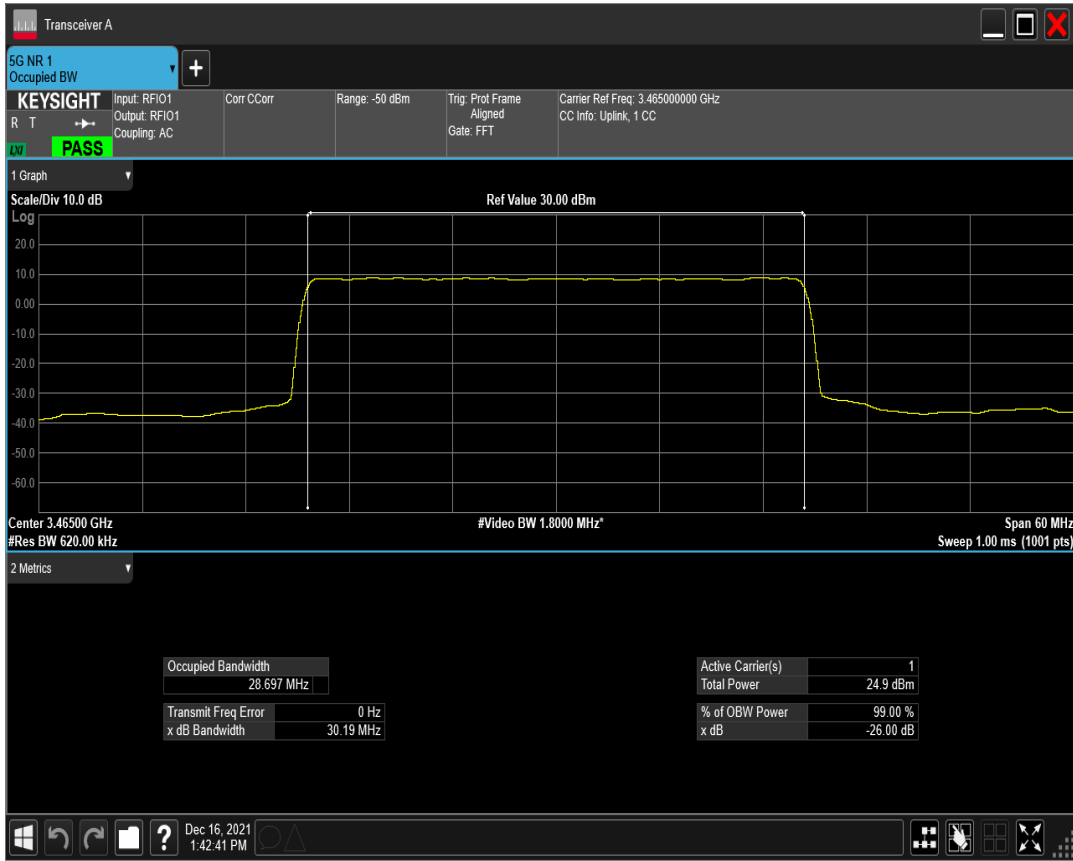
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n77(3450-3550) SCS=15kHz CP\_QPSK BW=20MHz Channel=636000 RB=106@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=30MHz Channel=631000 RB=160@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=30MHz Channel=631000 RB=160@0





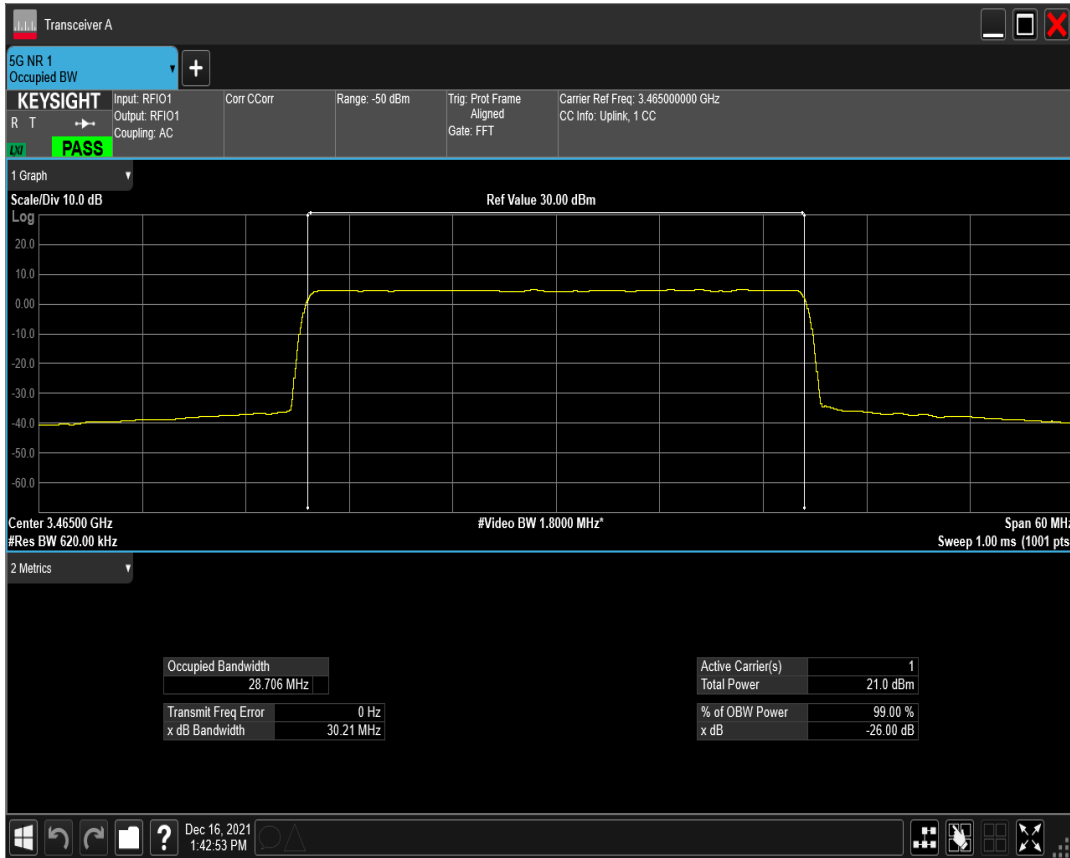
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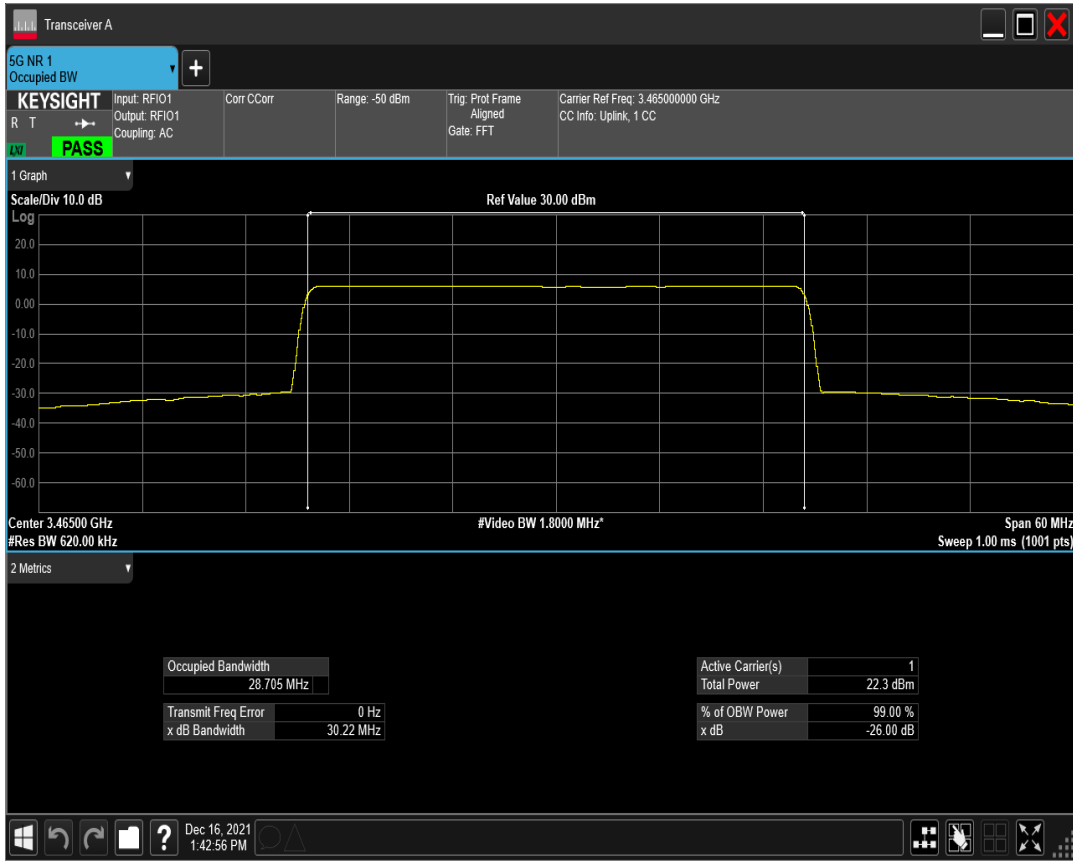
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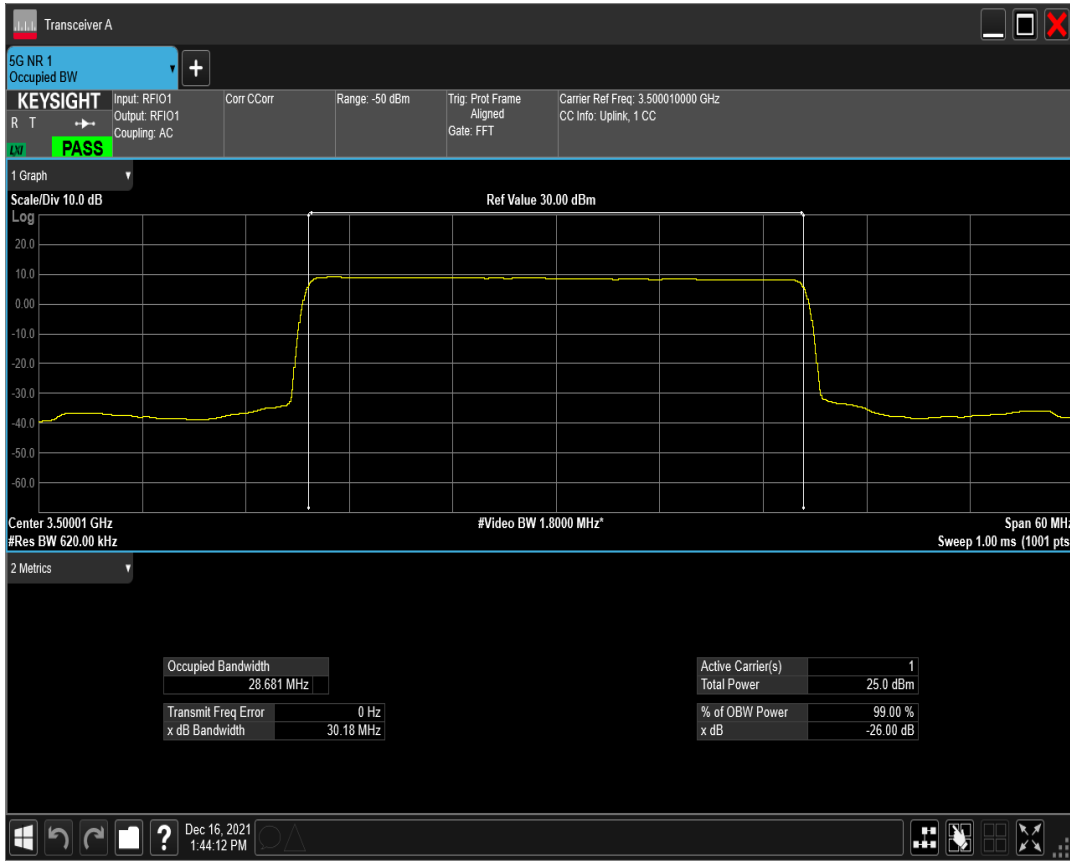
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=631000 RB=160@0



n77(3450-3550) SCS=15kHz CP\_QPSK BW=30MHz Channel=631000 RB=160@0



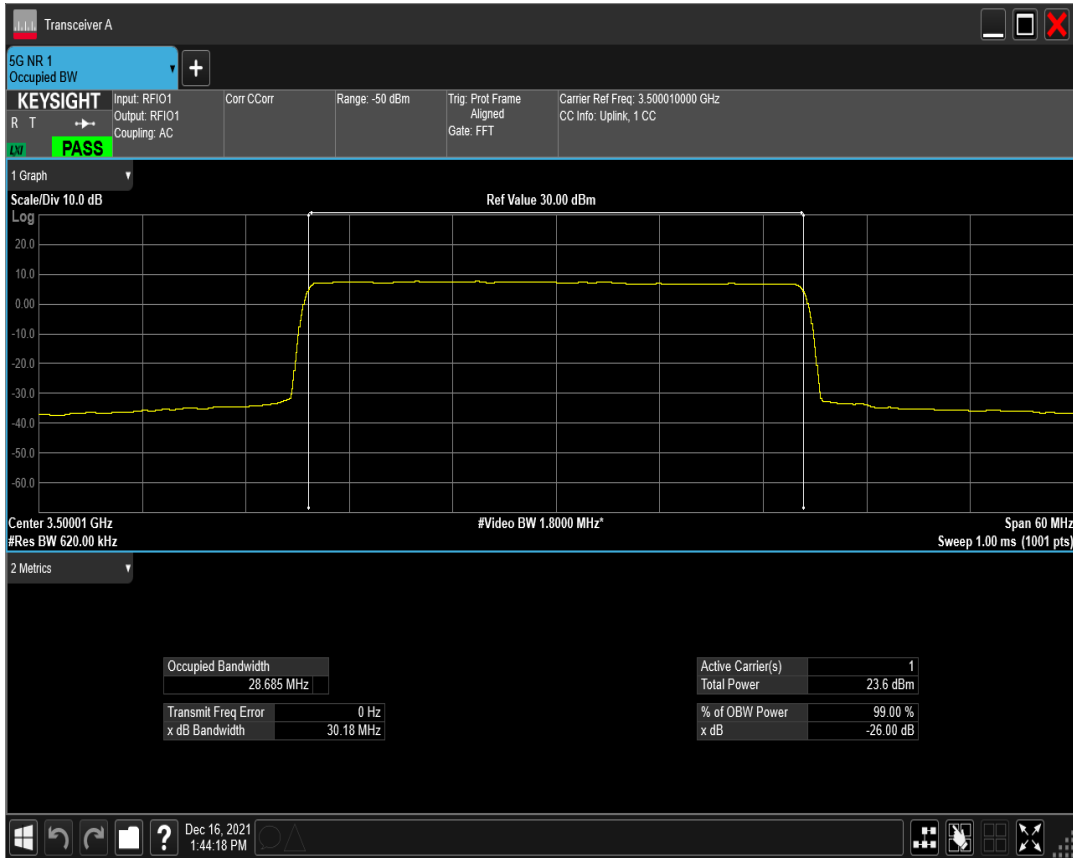
n77(3450-3550) SCS=15kHz DFT\_BPSK BW=30MHz Channel=633334 RB=160@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=30MHz Channel=633334 RB=160@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=633334 RB=160@0

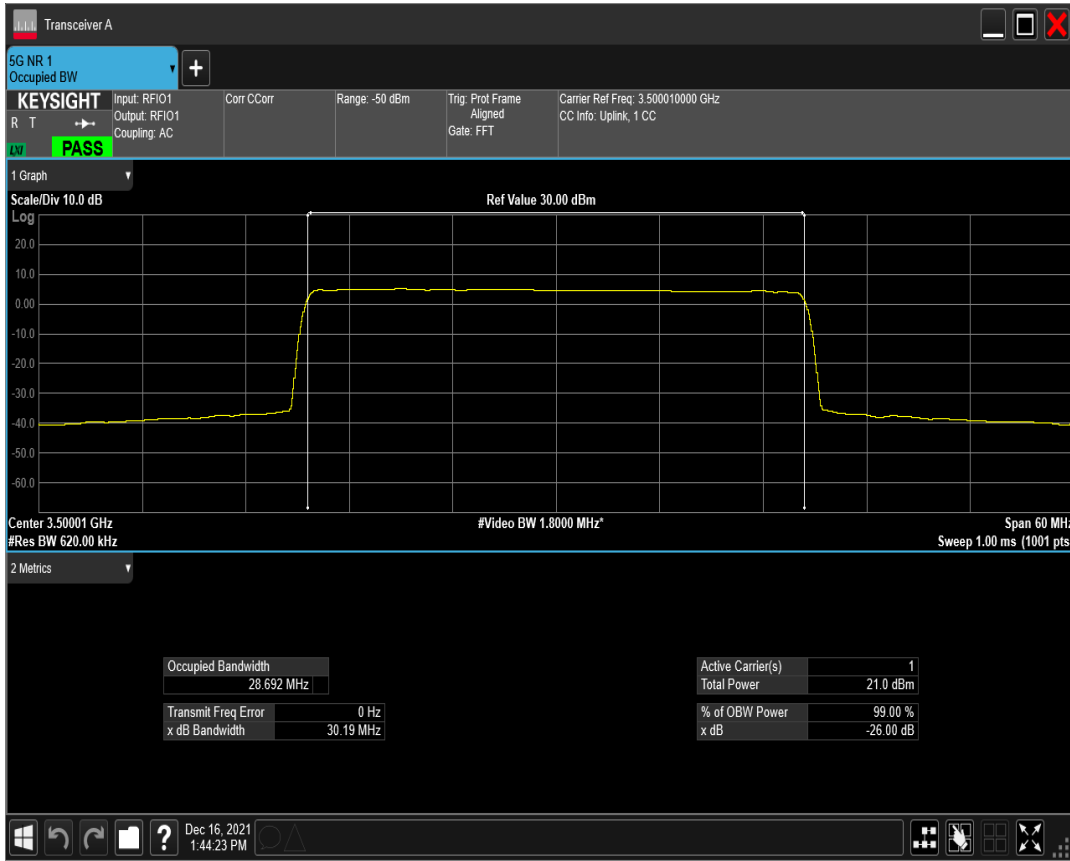


n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=633334 RB=160@0





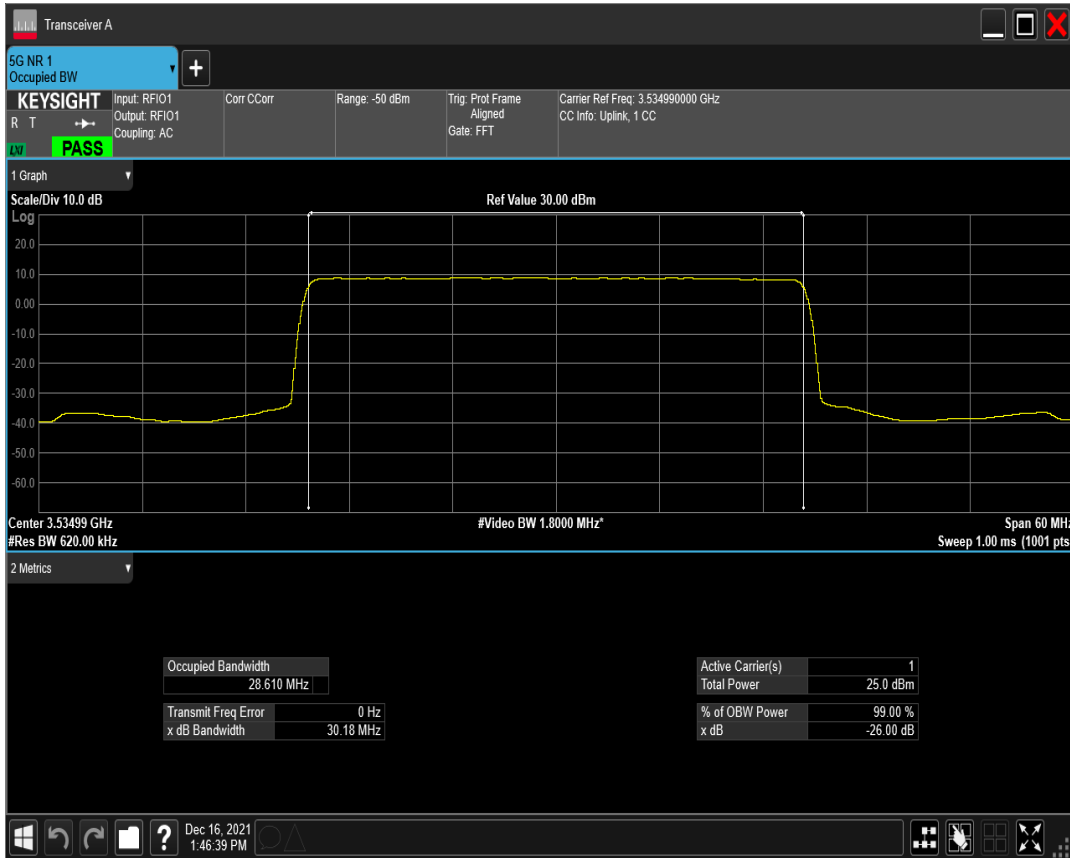
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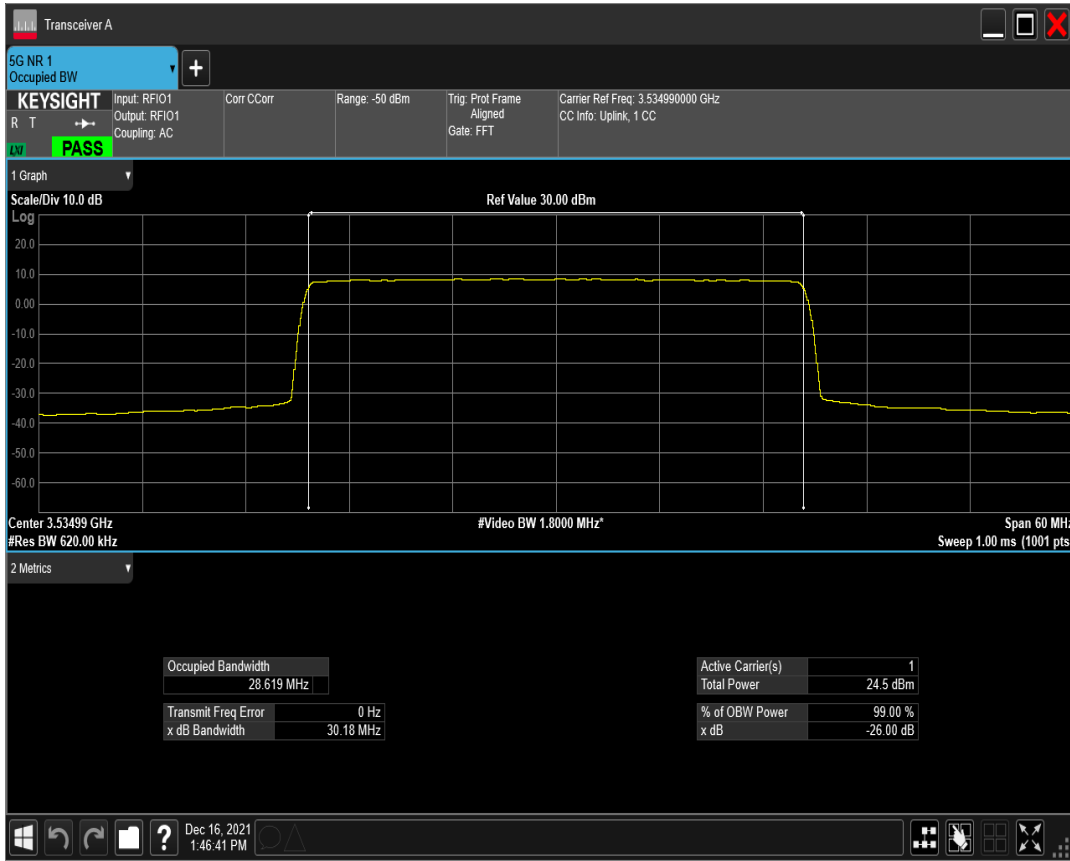
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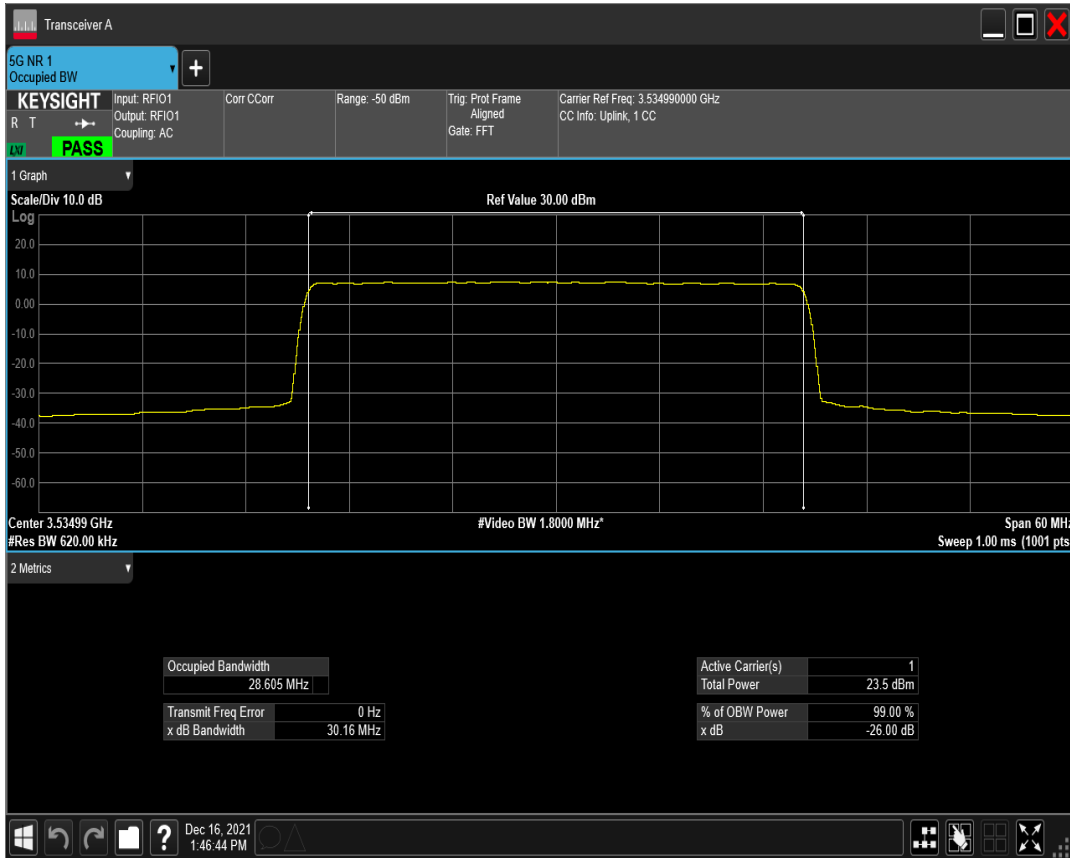
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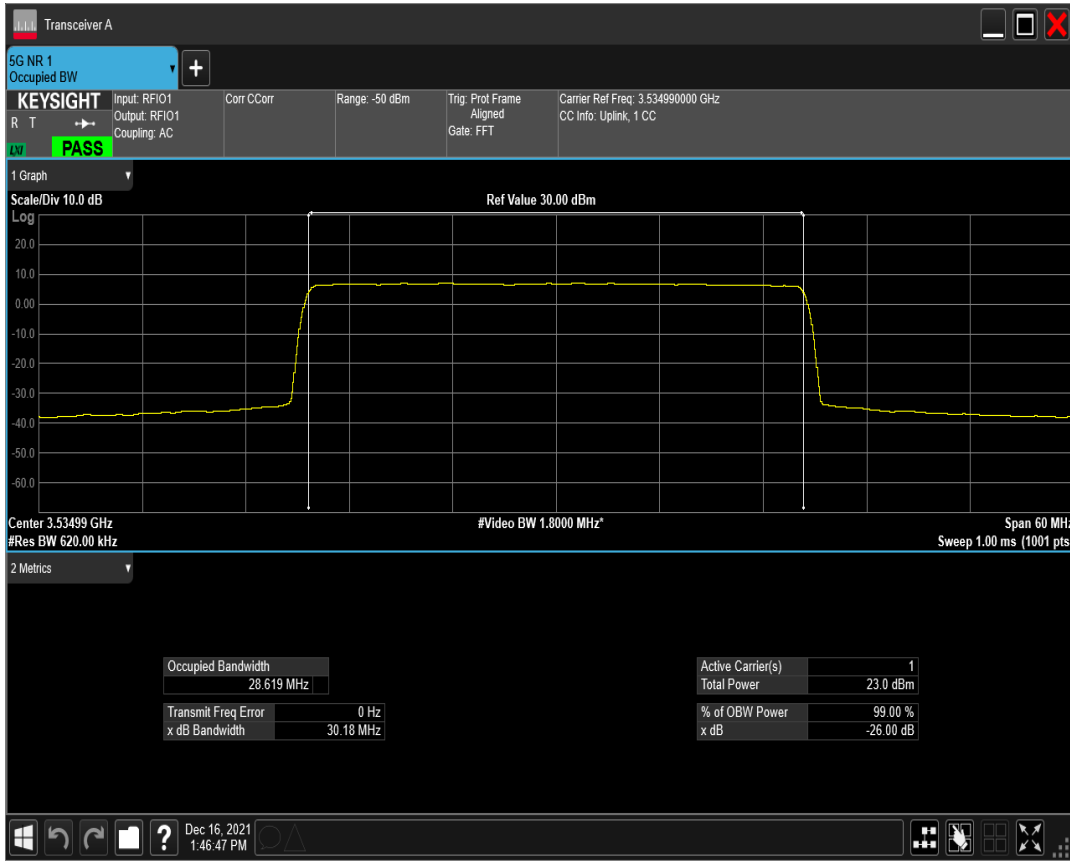
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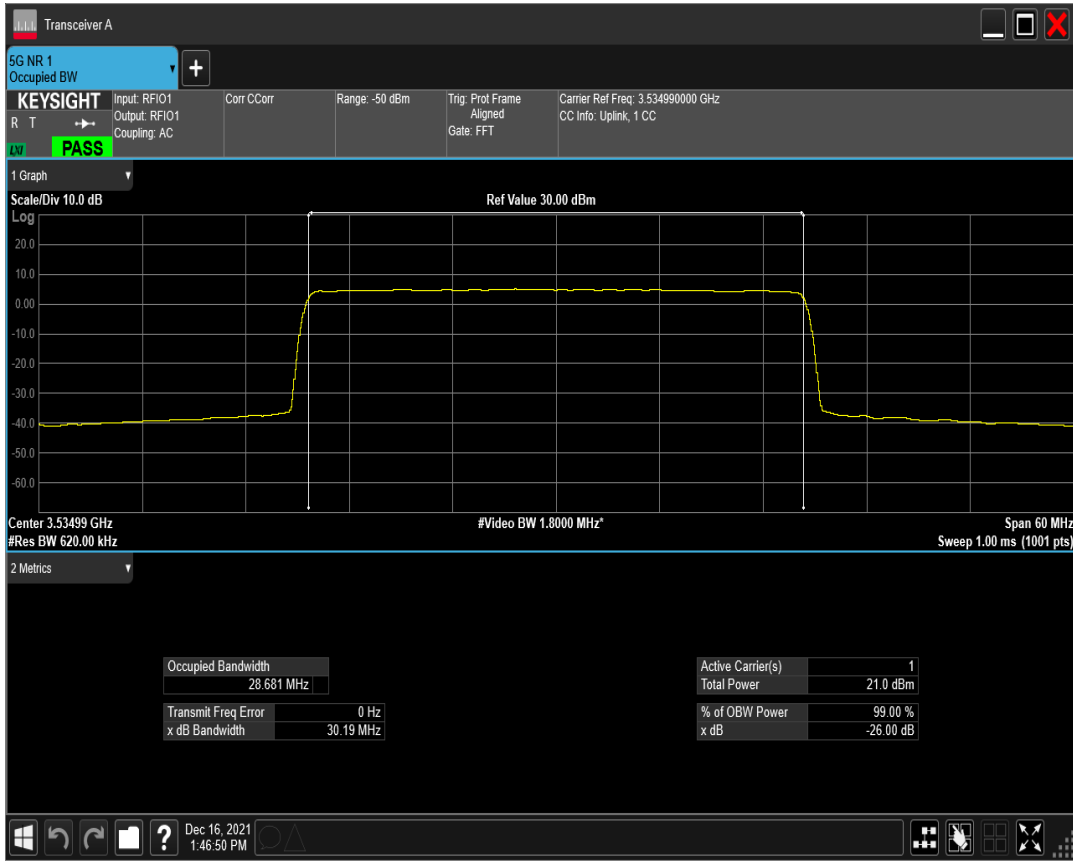
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n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=635666 RB=160@0

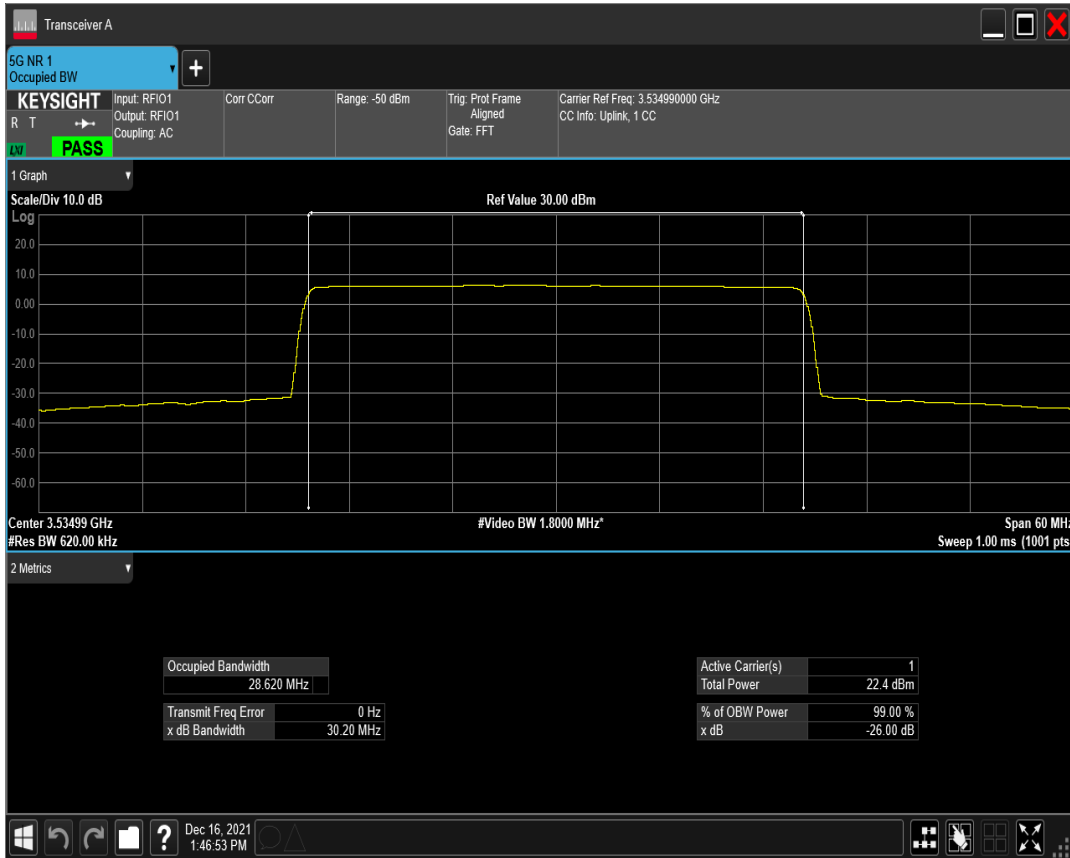


n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=635666 RB=160@0

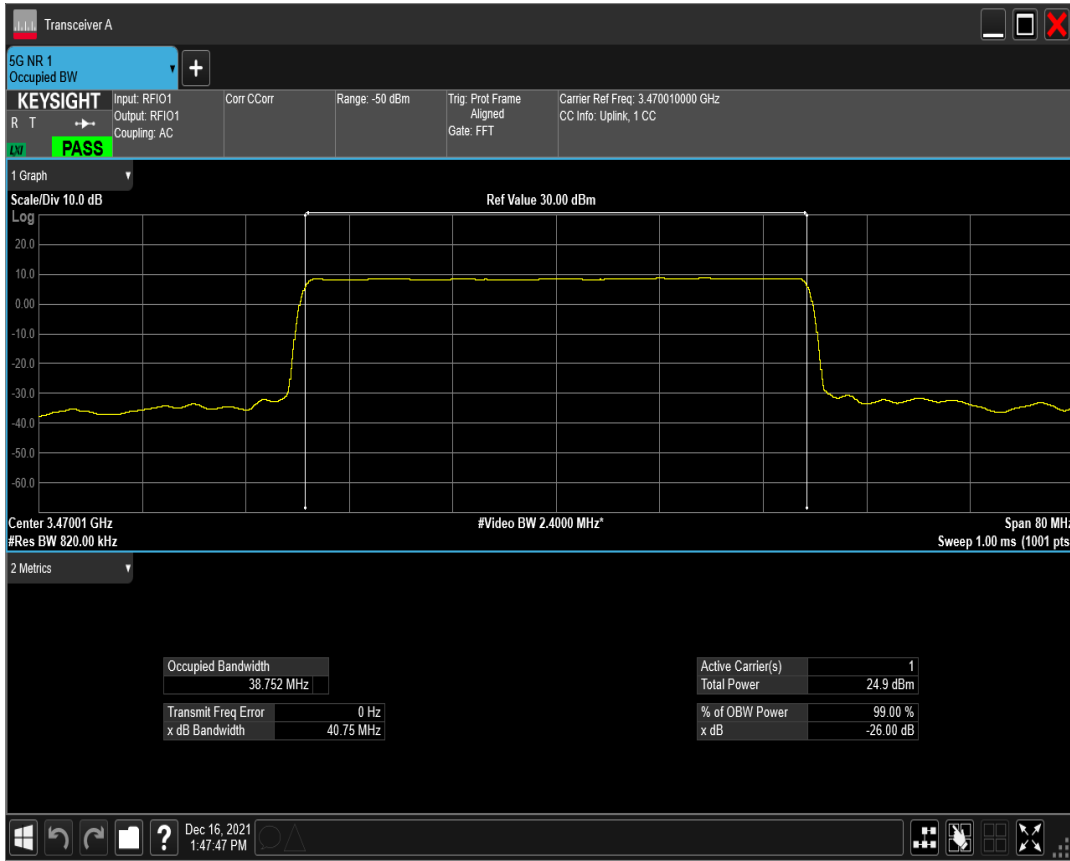


n77(3450-3550) SCS=15kHz CP\_QPSK BW=30MHz Channel=635666 RB=160@0





n77(3450-3550) SCS=15kHz DFT\_BPSK BW=40MHz Channel=631334 RB=216@0



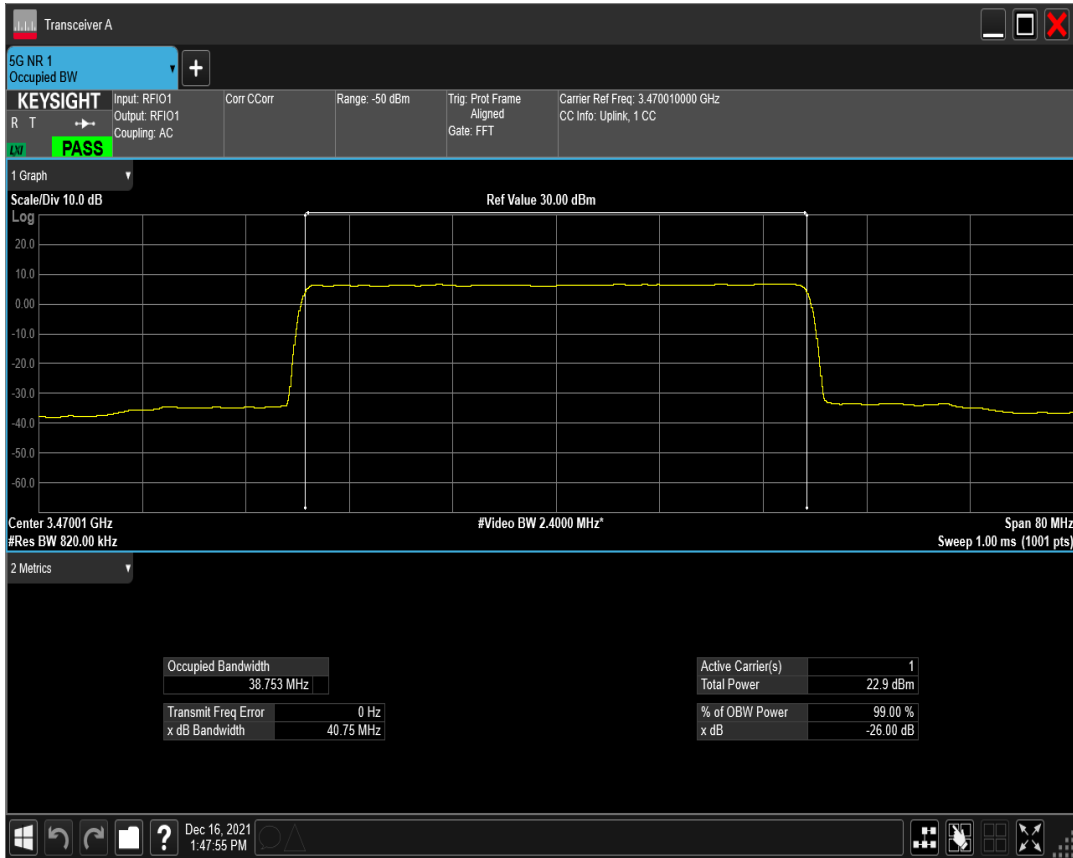
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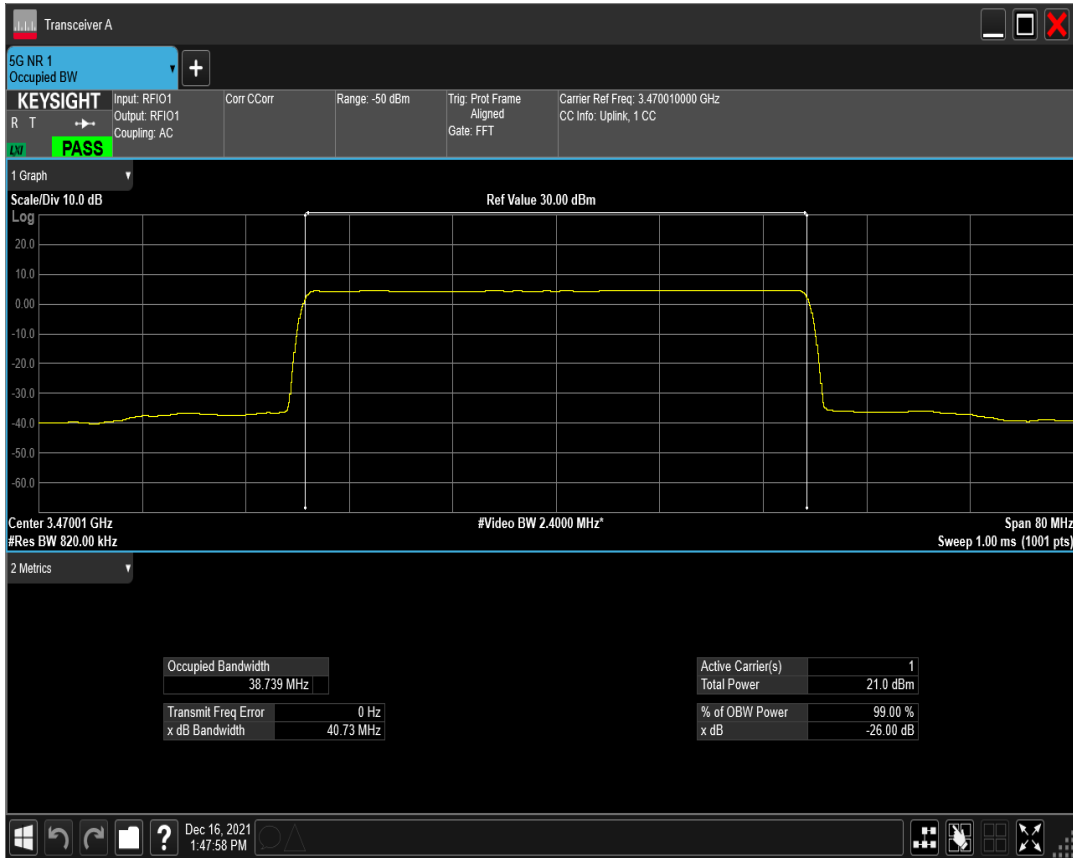
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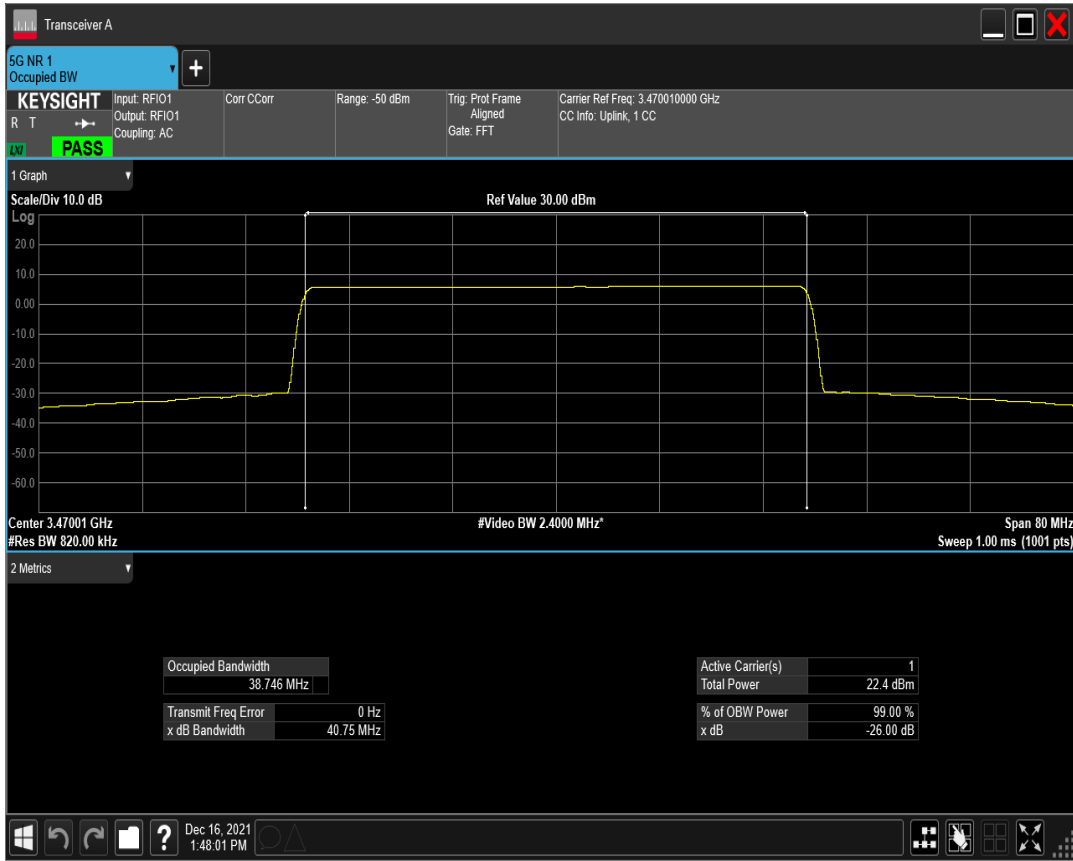
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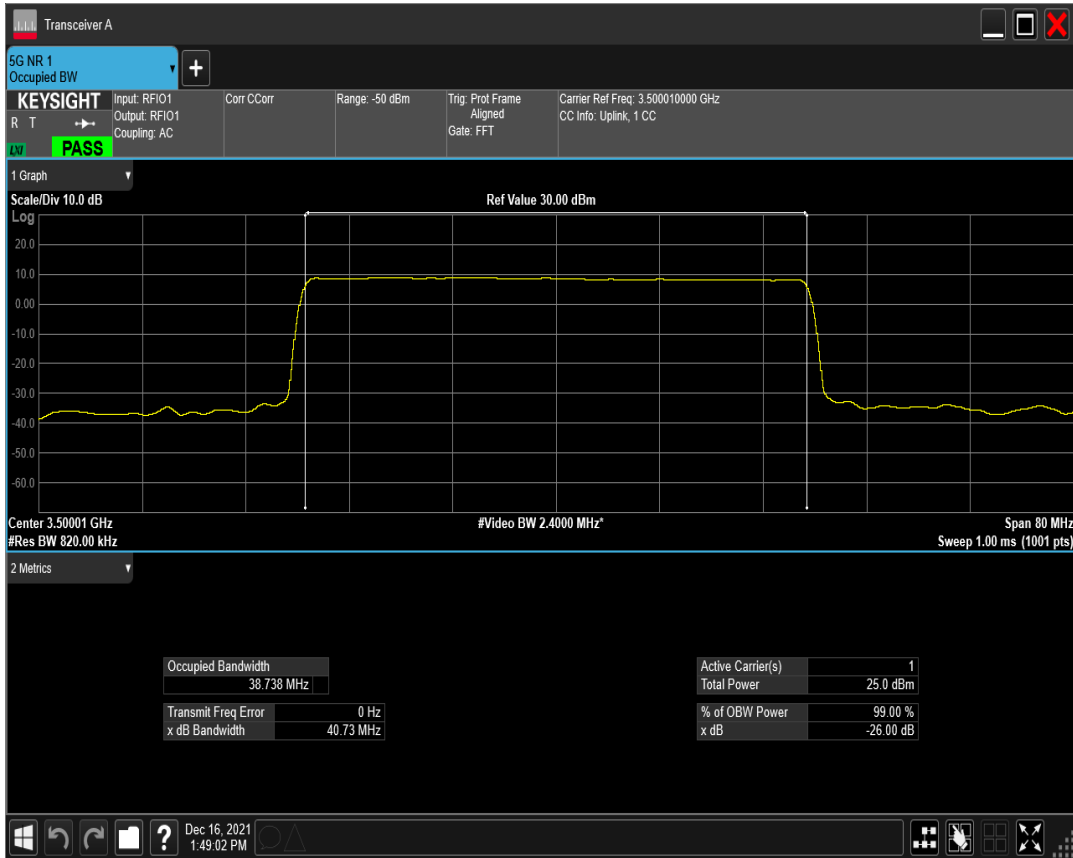
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n77(3450-3550) SCS=15kHz CP\_QPSK BW=40MHz Channel=631334 RB=216@0

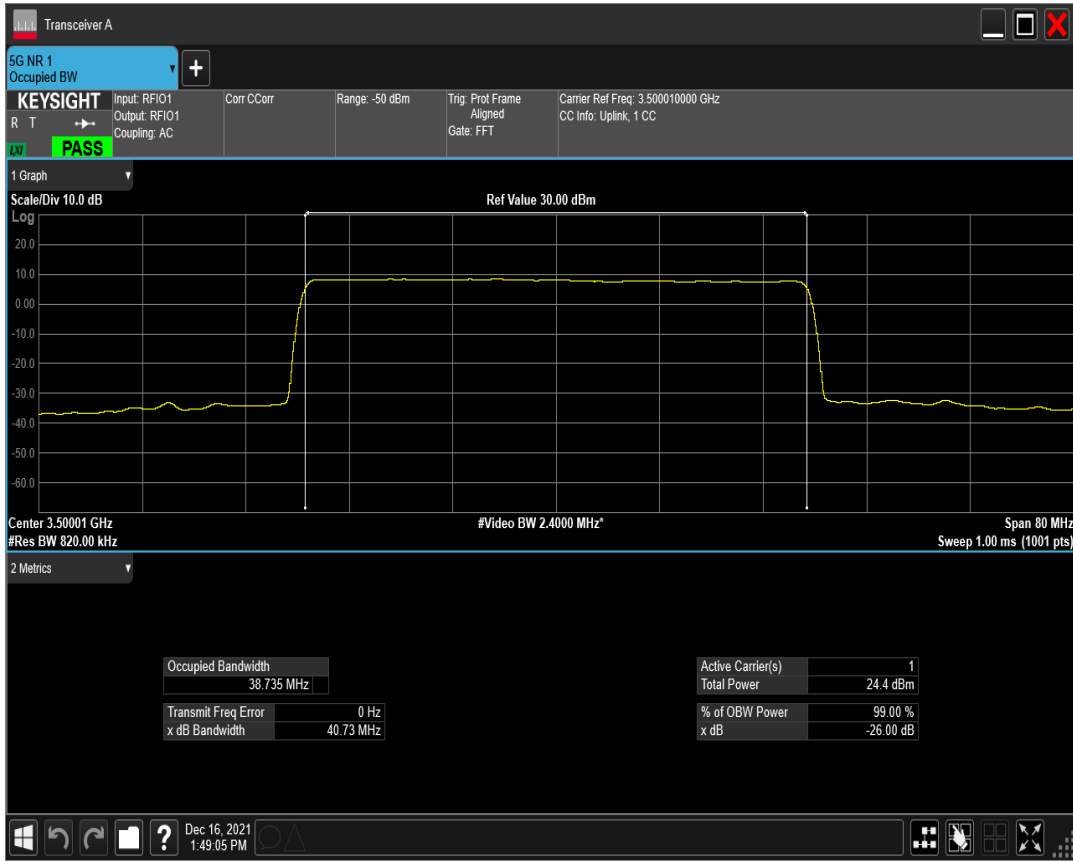


n77(3450-3550) SCS=15kHz DFT\_BPSK BW=40MHz Channel=633334 RB=216@0

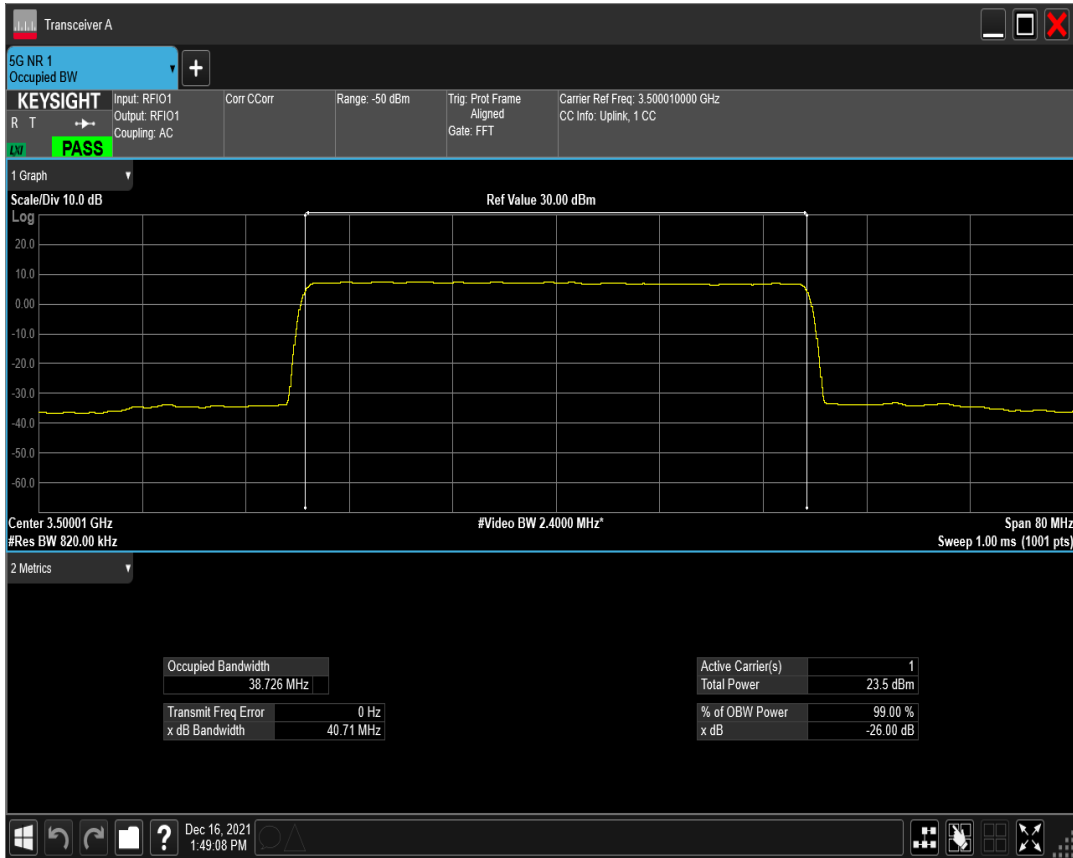


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=40MHz Channel=633334 RB=216@0





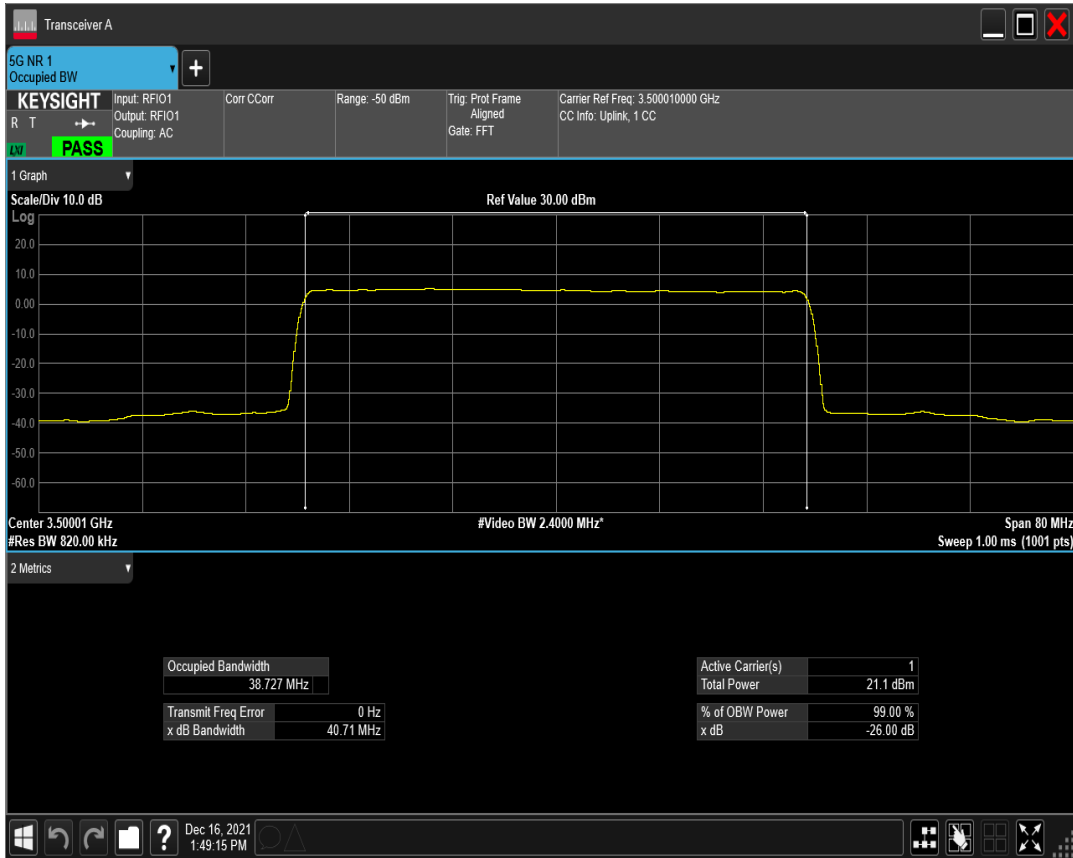
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=15kHz CP\_QPSK BW=40MHz Channel=633334 RB=216@0



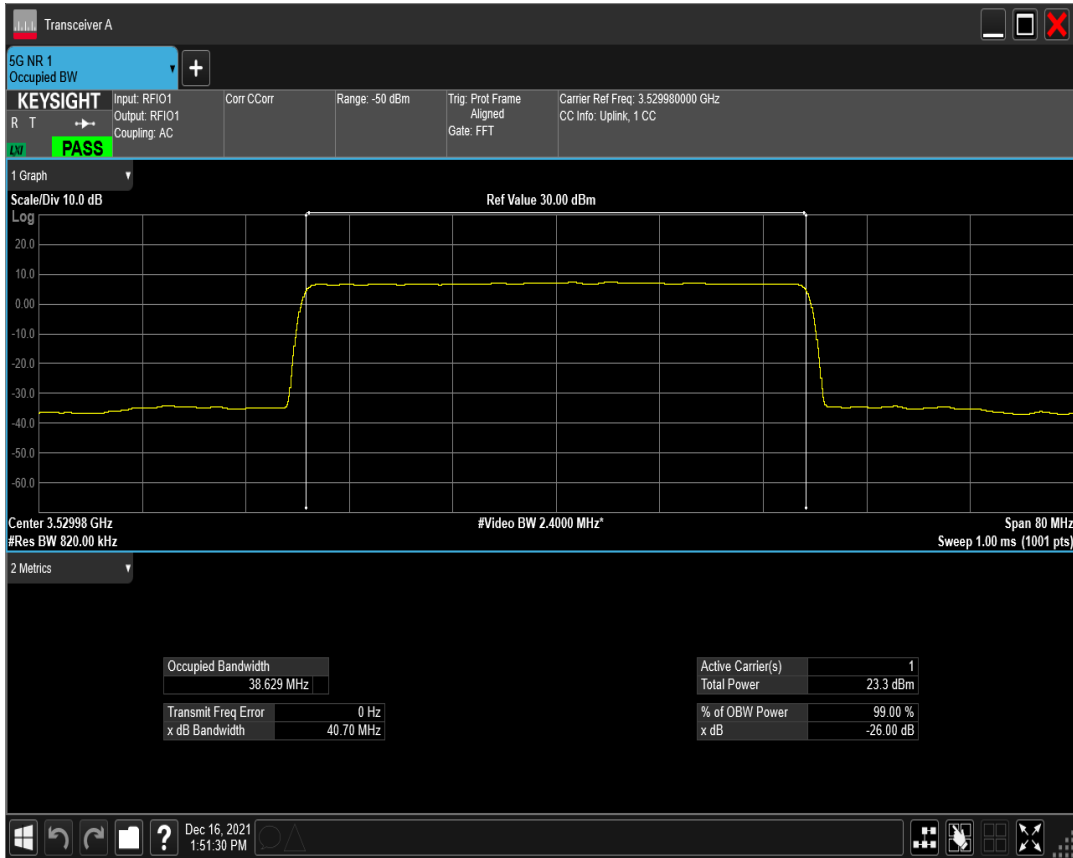
n77(3450-3550) SCS=15kHz DFT\_BPSK BW=40MHz Channel=635332 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=40MHz Channel=635332 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=635332 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=635332 RB=216@0

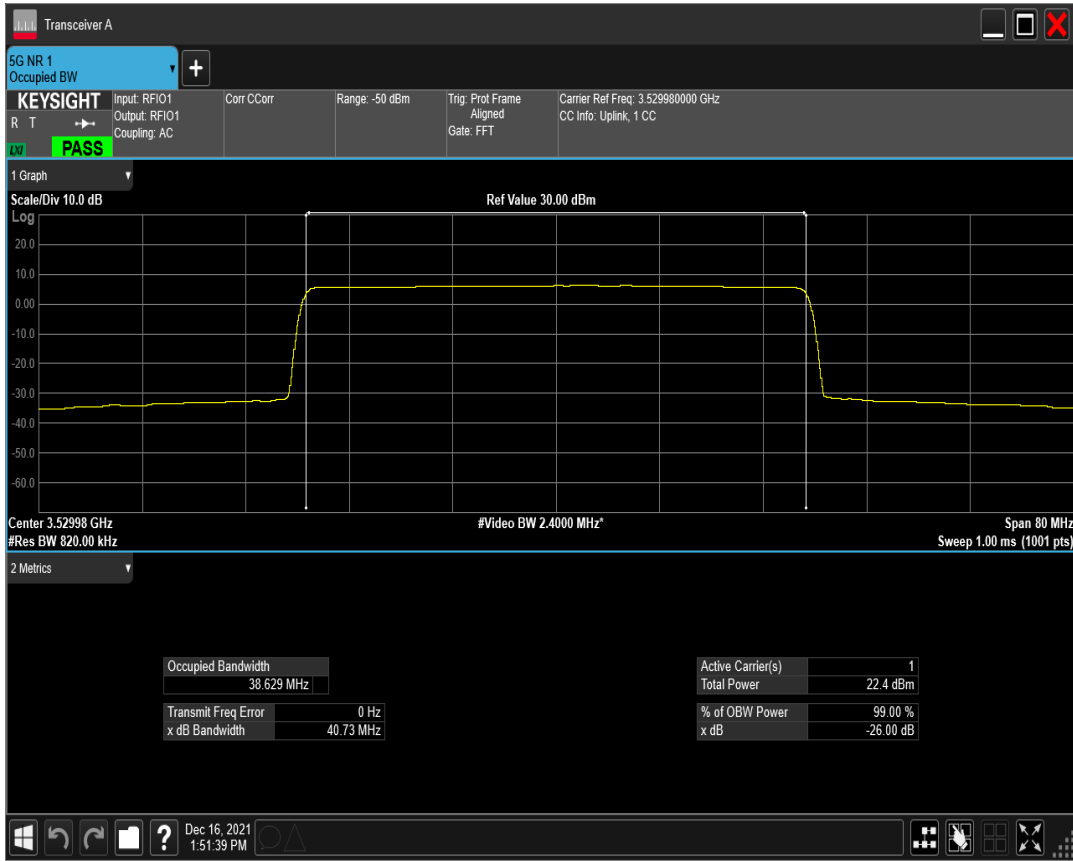




n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=635332 RB=216@0



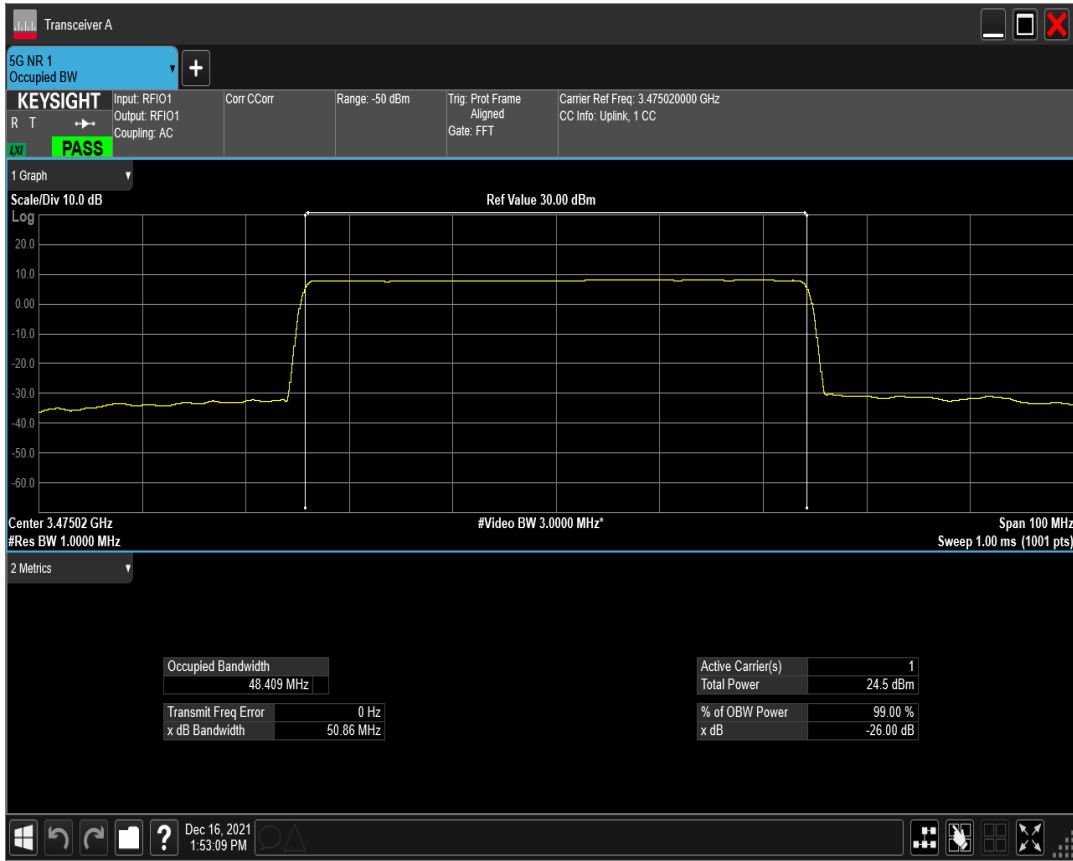
n77(3450-3550) SCS=15kHz CP\_QPSK BW=40MHz Channel=635332 RB=216@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=50MHz Channel=631668 RB=270@0



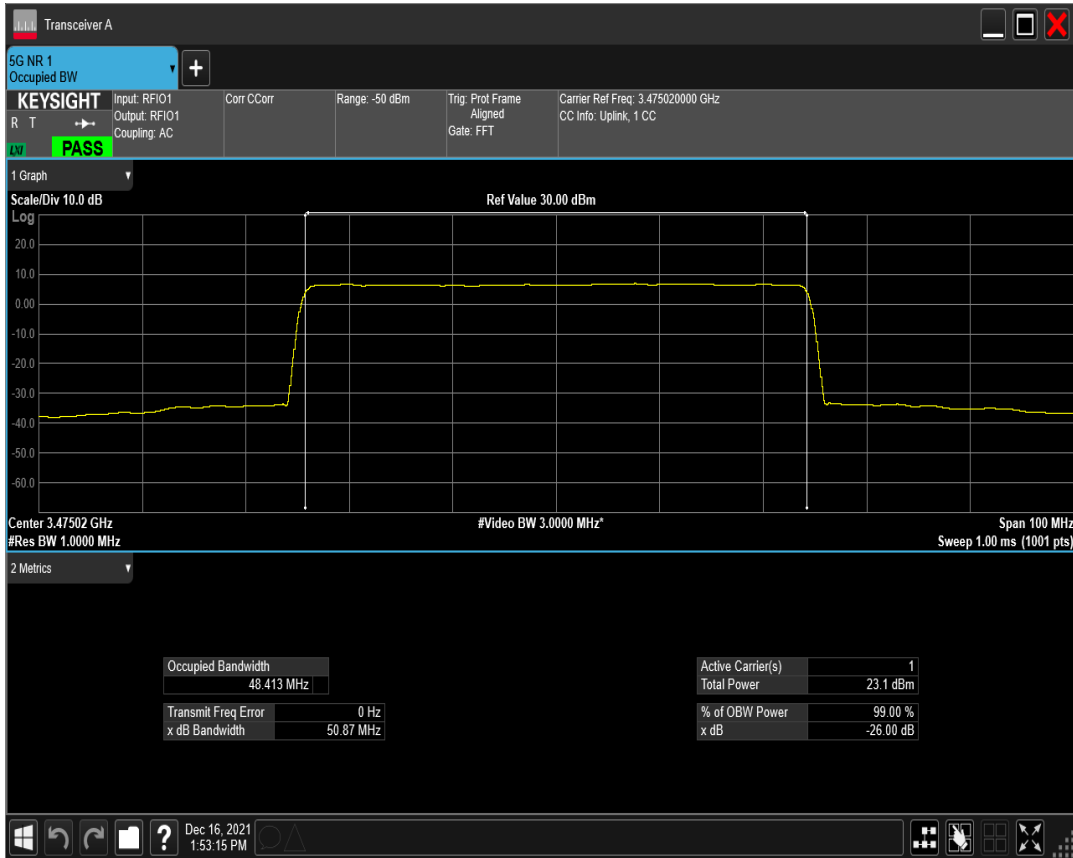
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=270@0



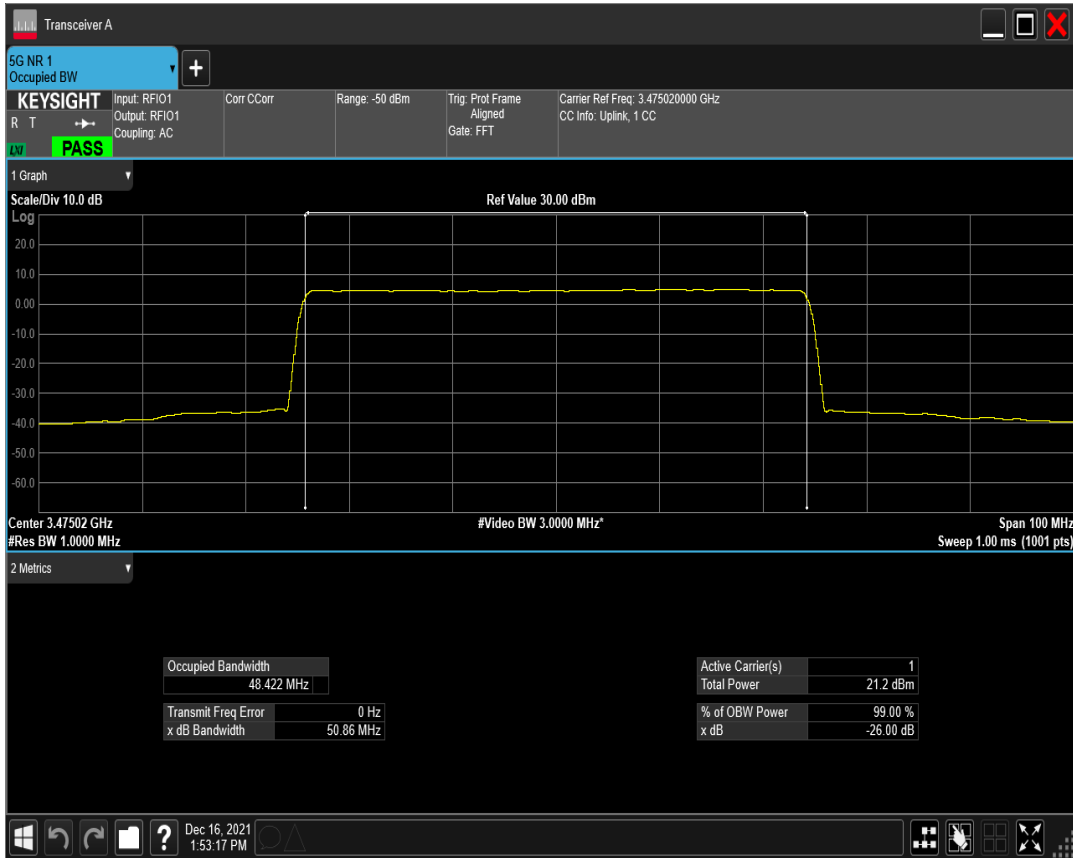
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=631668 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=631668 RB=270@0

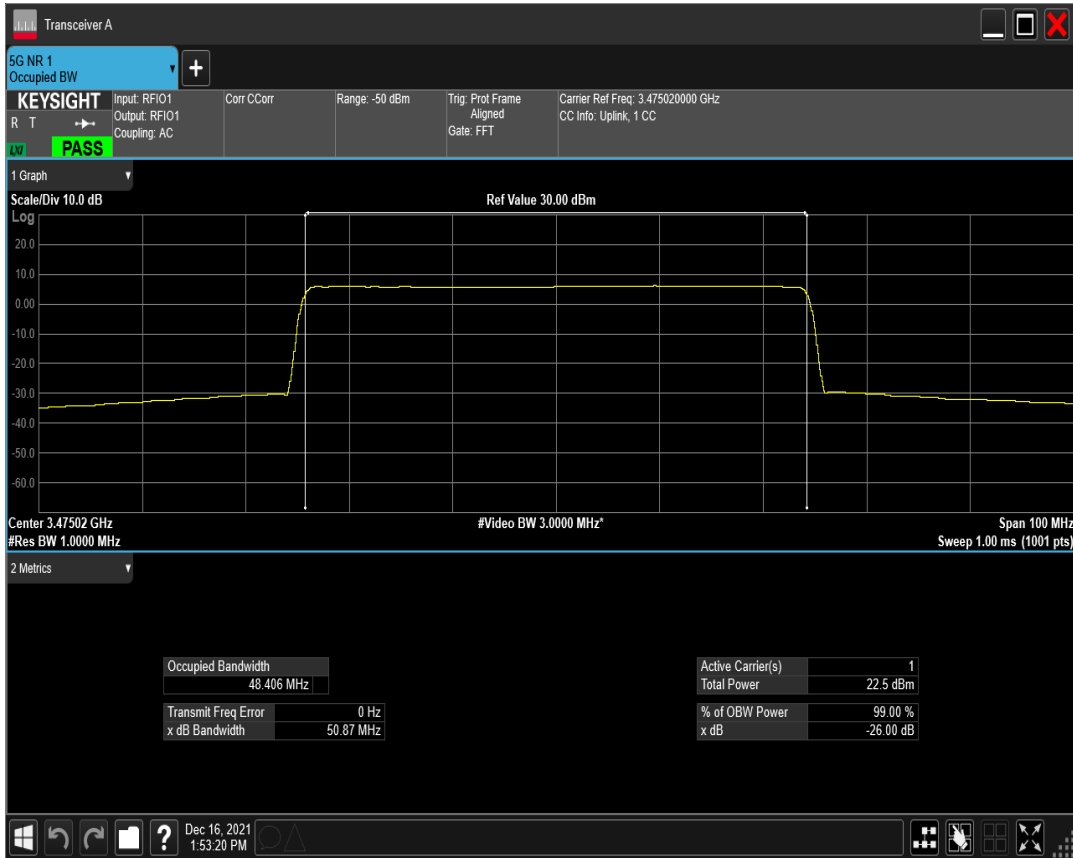


n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=631668 RB=270@0



n77(3450-3550) SCS=15kHz CP\_QPSK BW=50MHz Channel=631668 RB=270@0

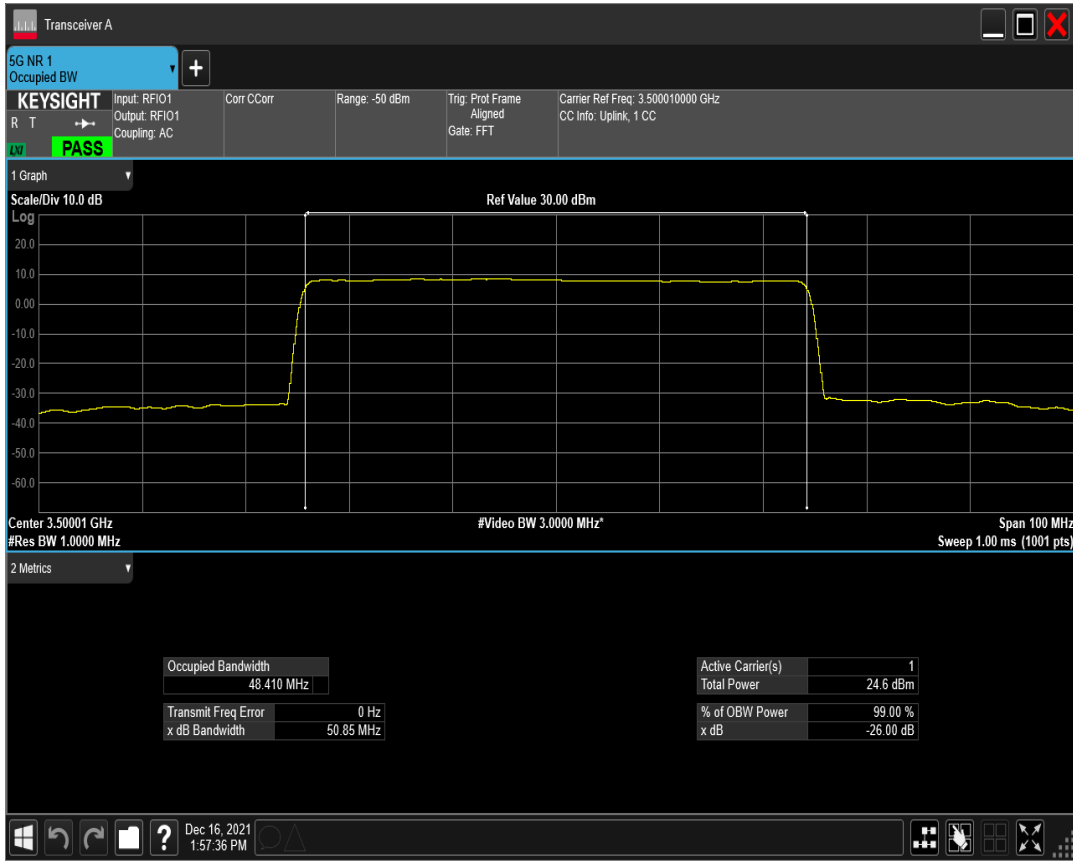




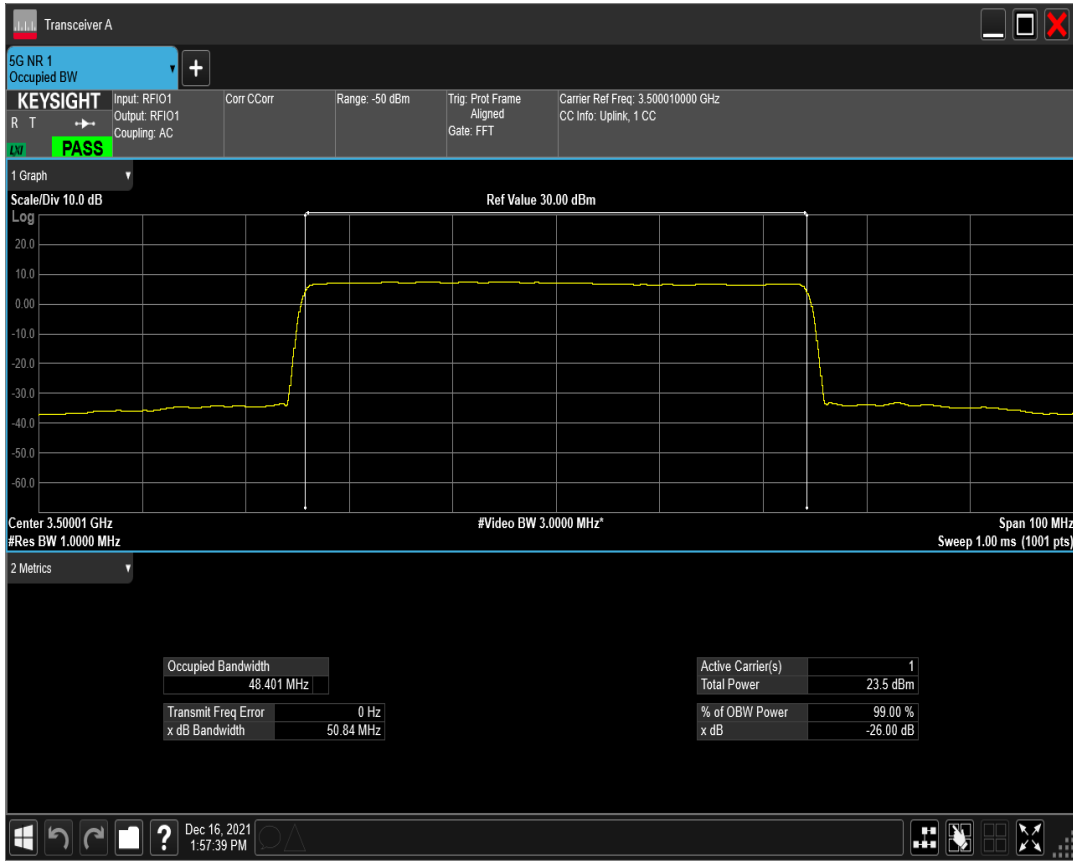
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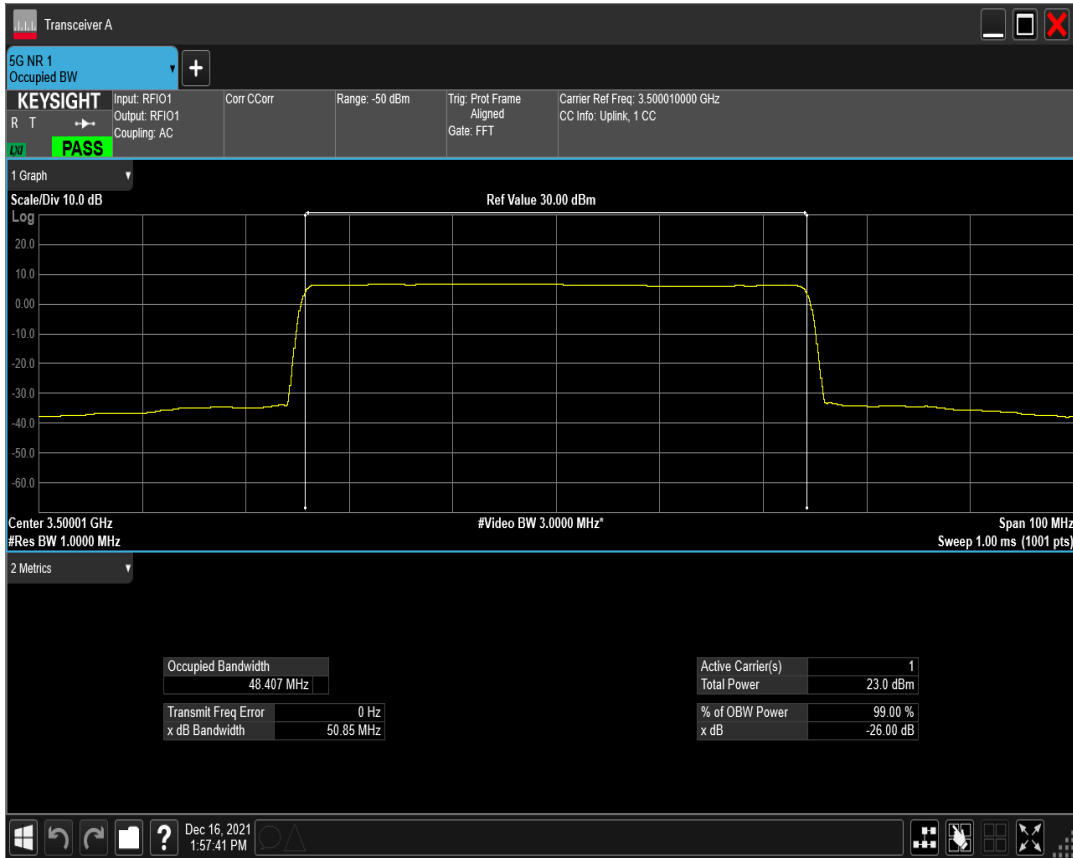
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=270@0



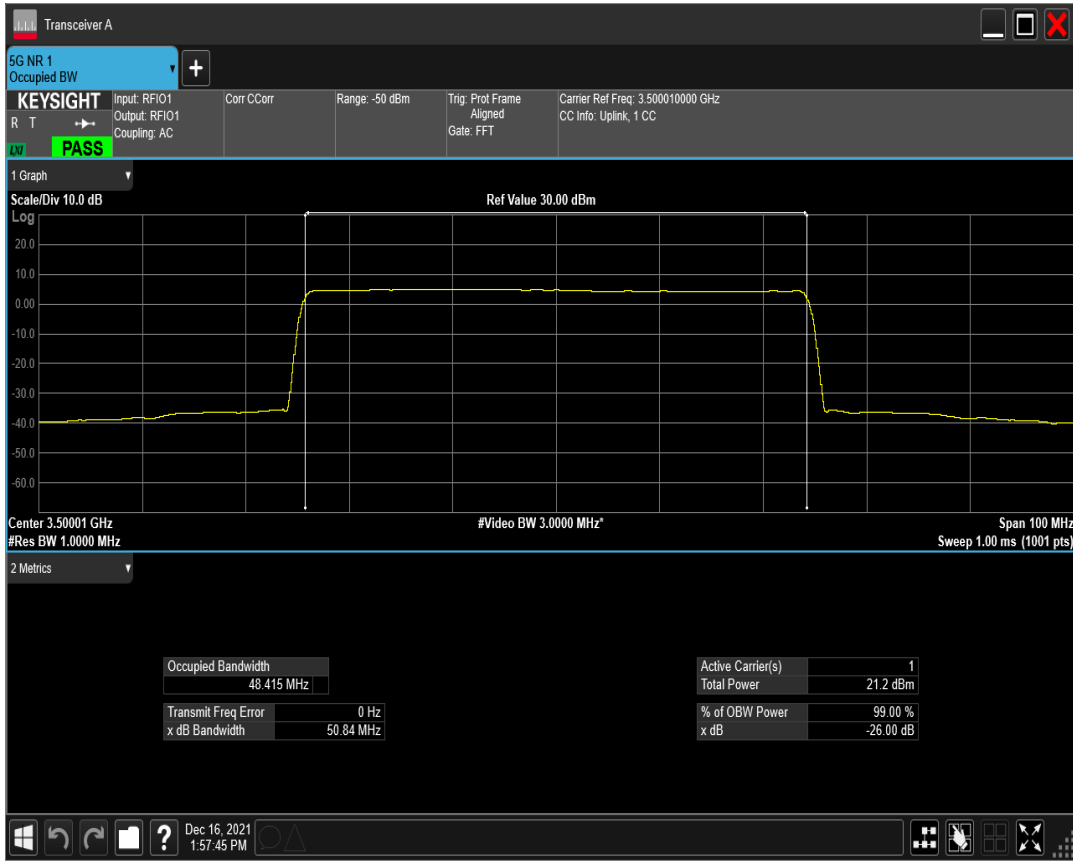
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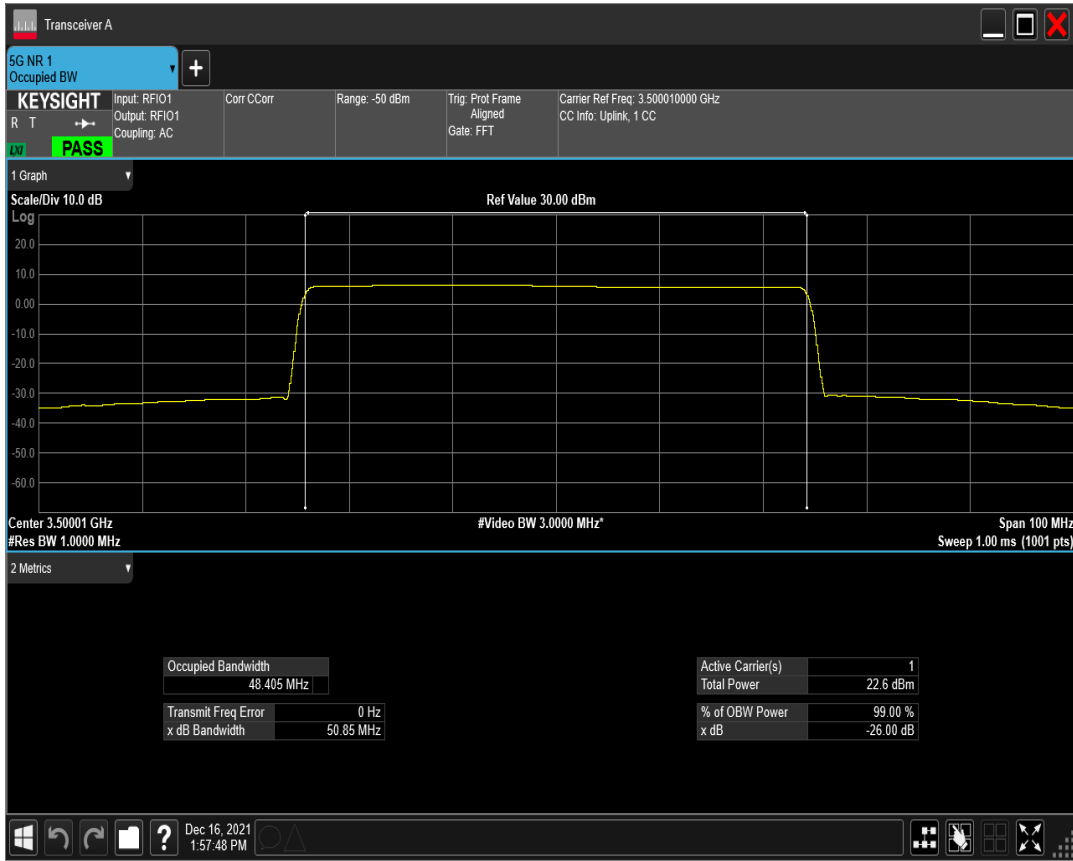
n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=633334 RB=270@0



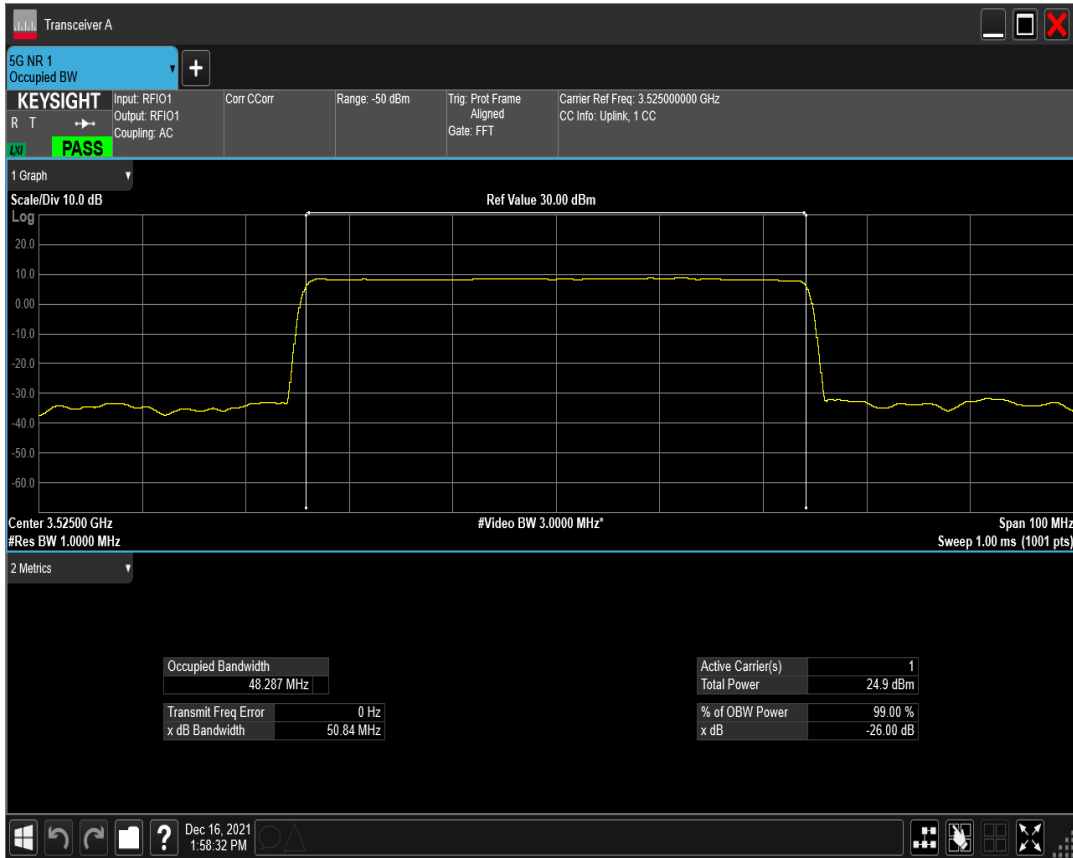
n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=15kHz CP\_QPSK BW=50MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_BPSK BW=50MHz Channel=635000 RB=270@0

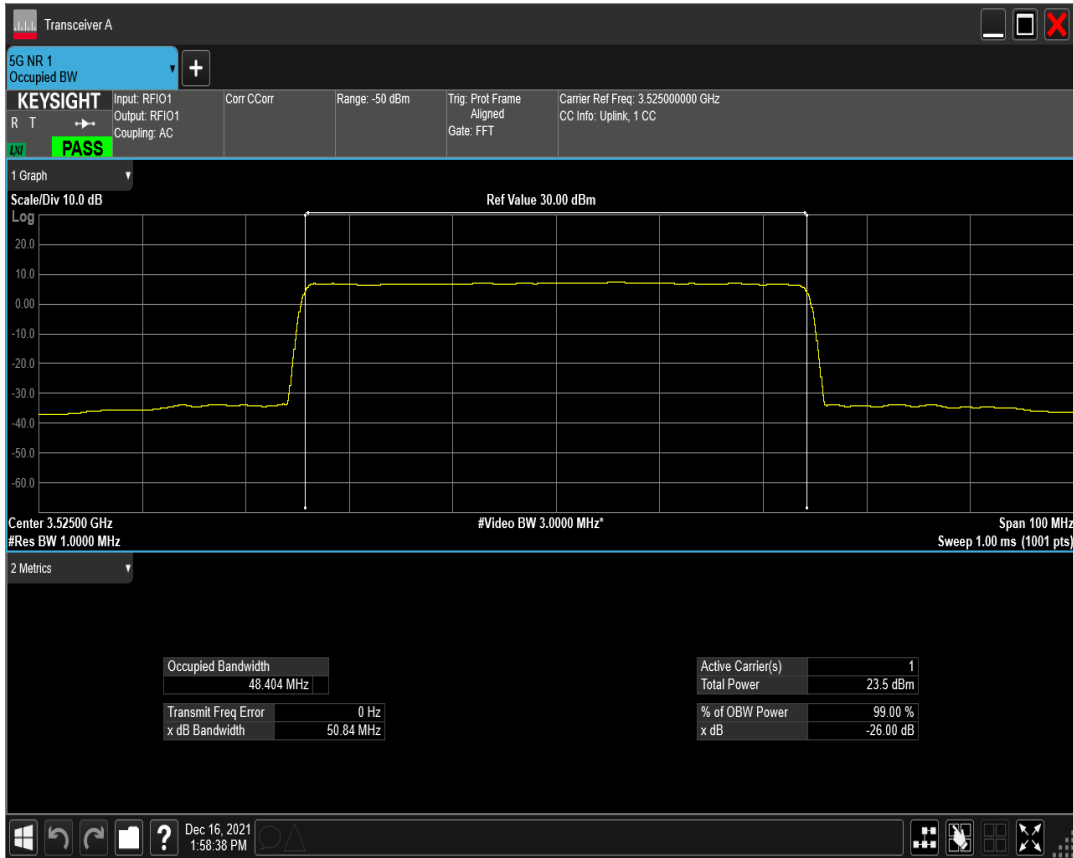


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=270@0

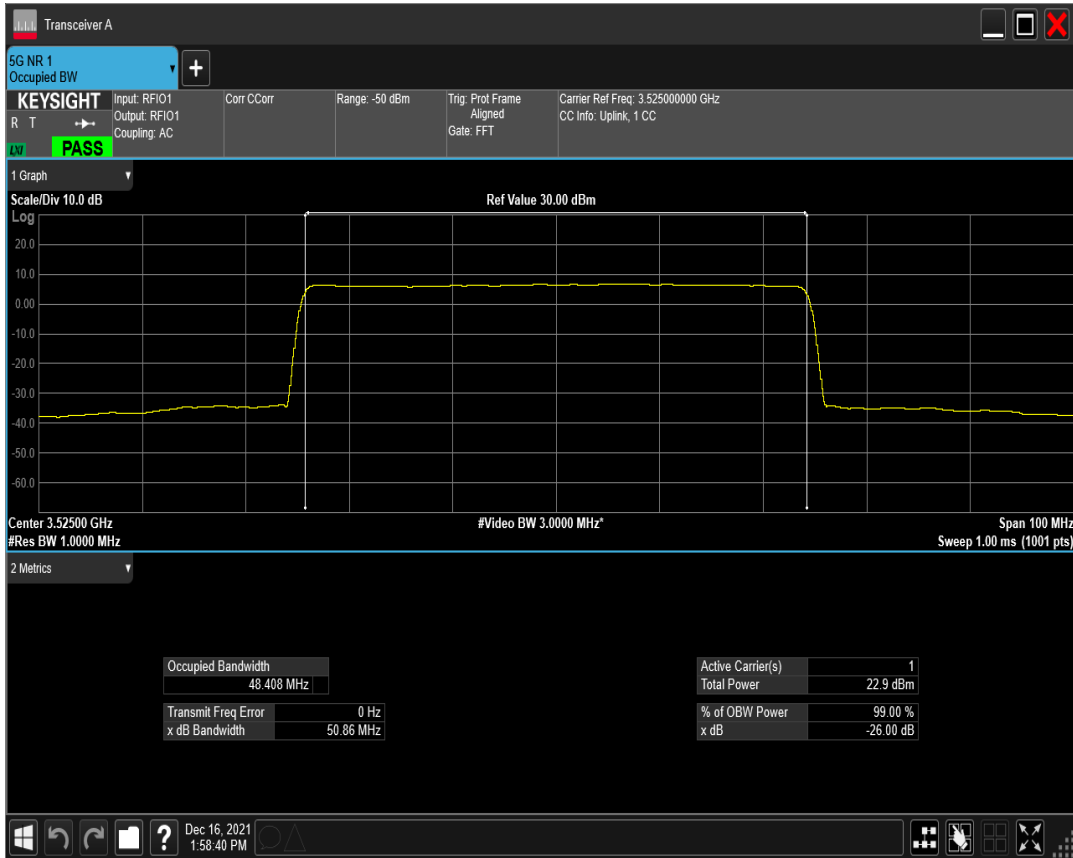




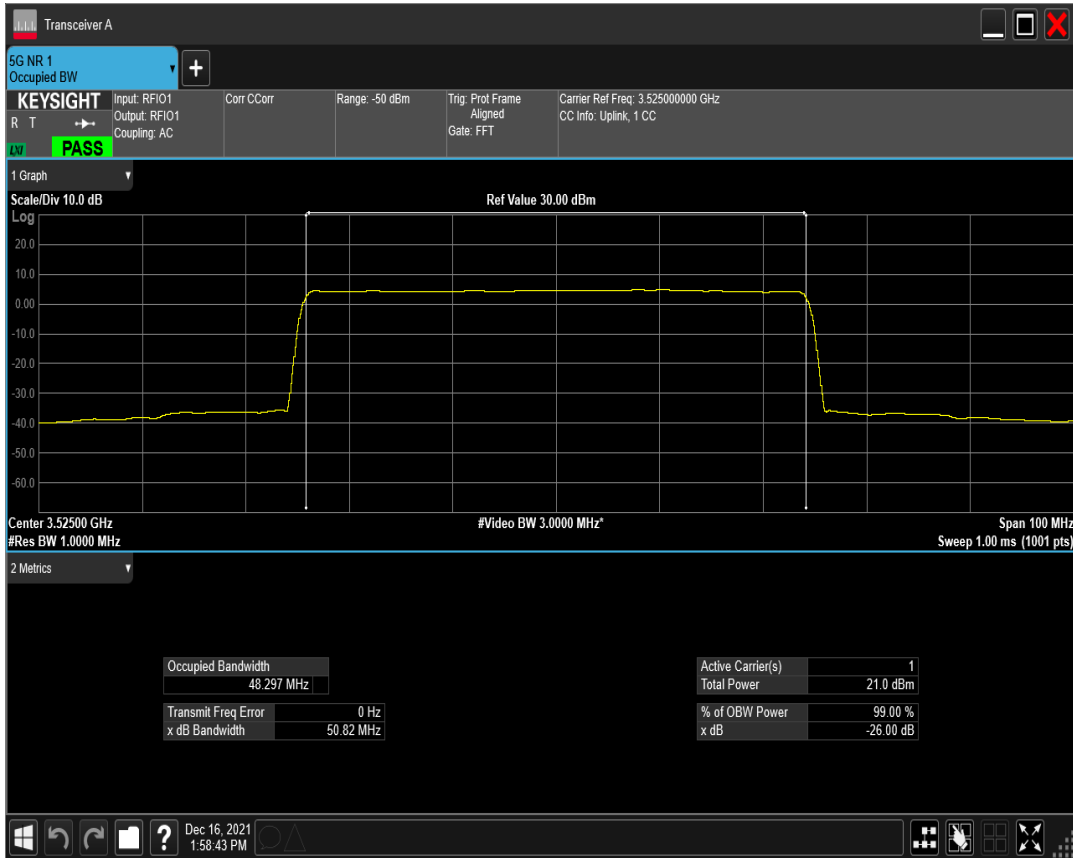
n77(3450-3550) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=635000 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=635000 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=635000 RB=270@0



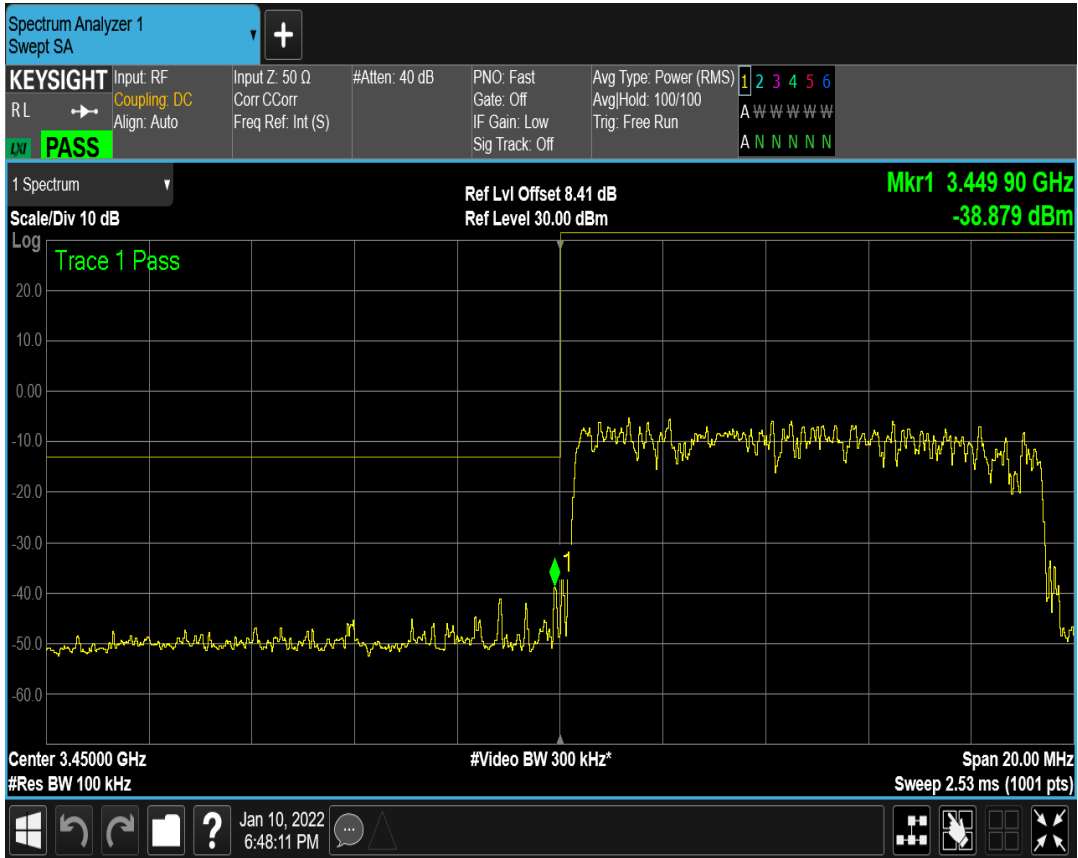
n77(3450-3550) SCS=15kHz CP\_QPSK BW=50MHz Channel=635000 RB=270@0



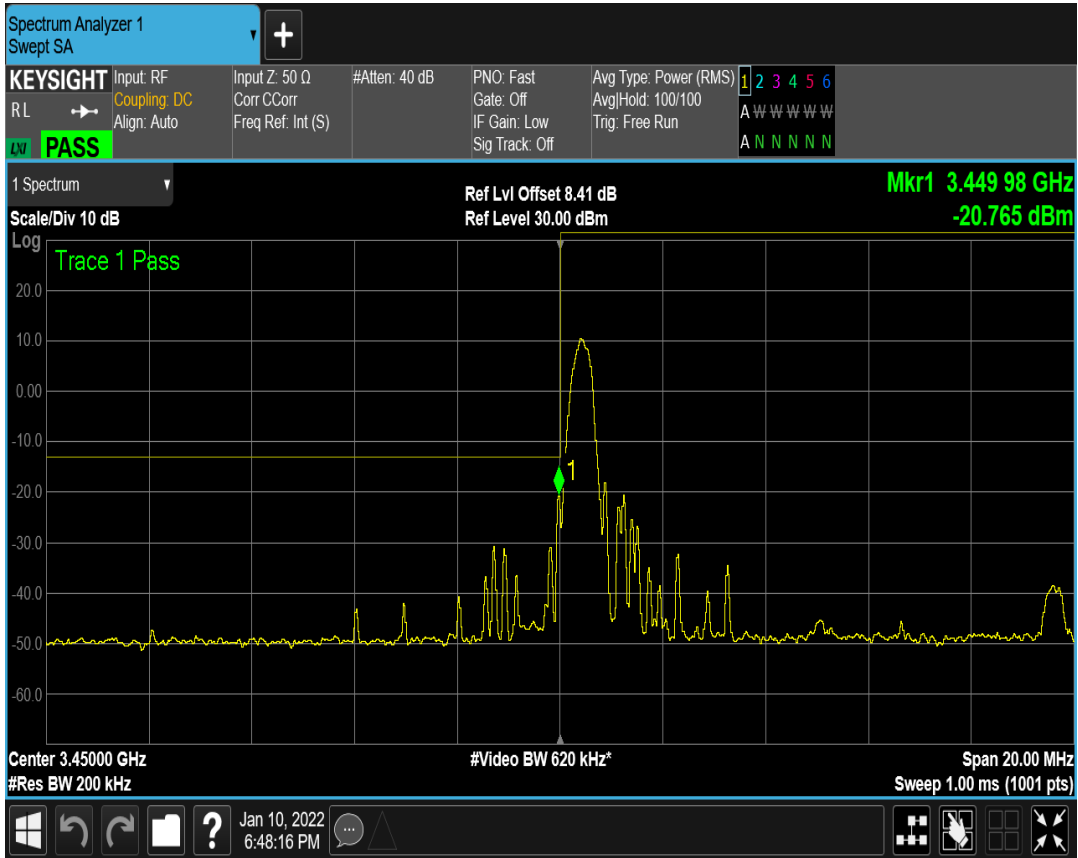
### 5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	15	10	630334	50@0	DFT_QPSK	3449.90	-38.87	-13	PASS
n77(3450-3550)	15	10	630334	1@0	DFT_QPSK	3449.98	-20.76	-13	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QPSK	3550.50	-43.51	-13	PASS
n77(3450-3550)	15	10	636332	1@51	DFT_QPSK	3550.04	-24.16	-13	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QPSK	3450.00	-41.68	-13	PASS
n77(3450-3550)	15	50	631668	1@0	DFT_QPSK	3449.80	-34.44	-13	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QPSK	3550.00	-30.38	-13	PASS
n77(3450-3550)	15	50	635000	1@269	DFT_QPSK	3550.00	-27.69	-13	PASS

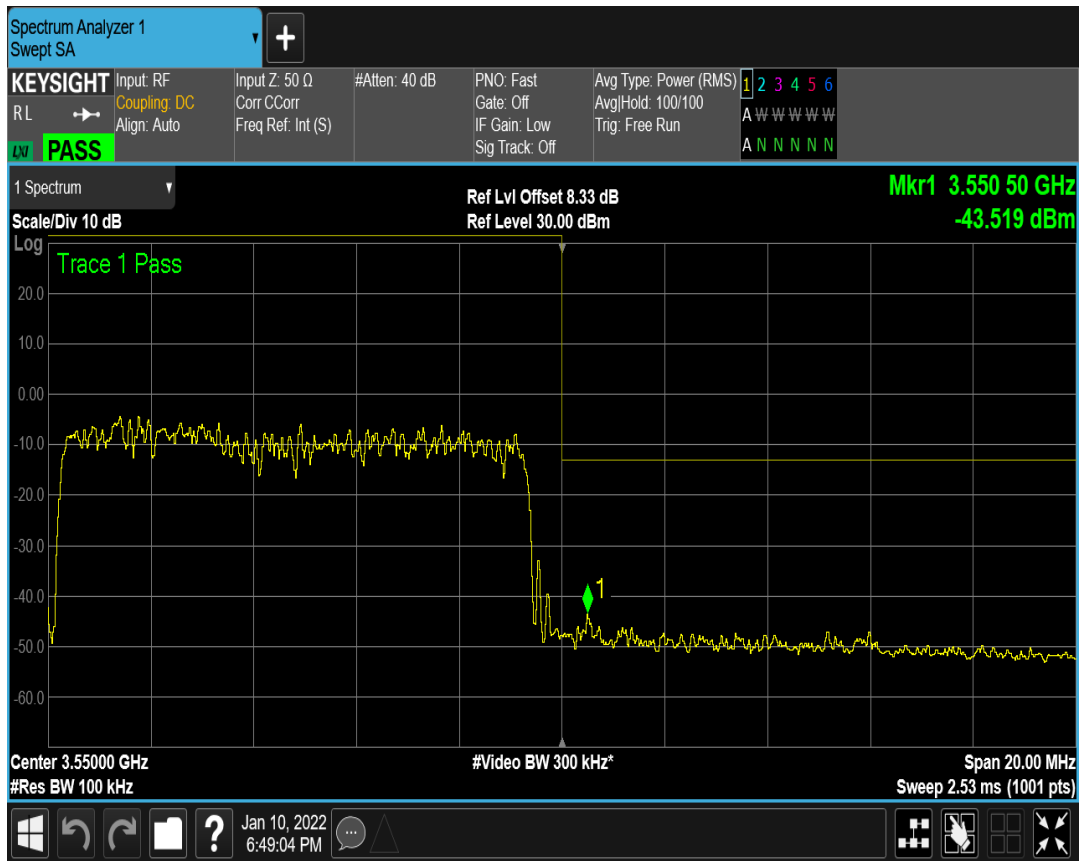
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=50@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1 @0

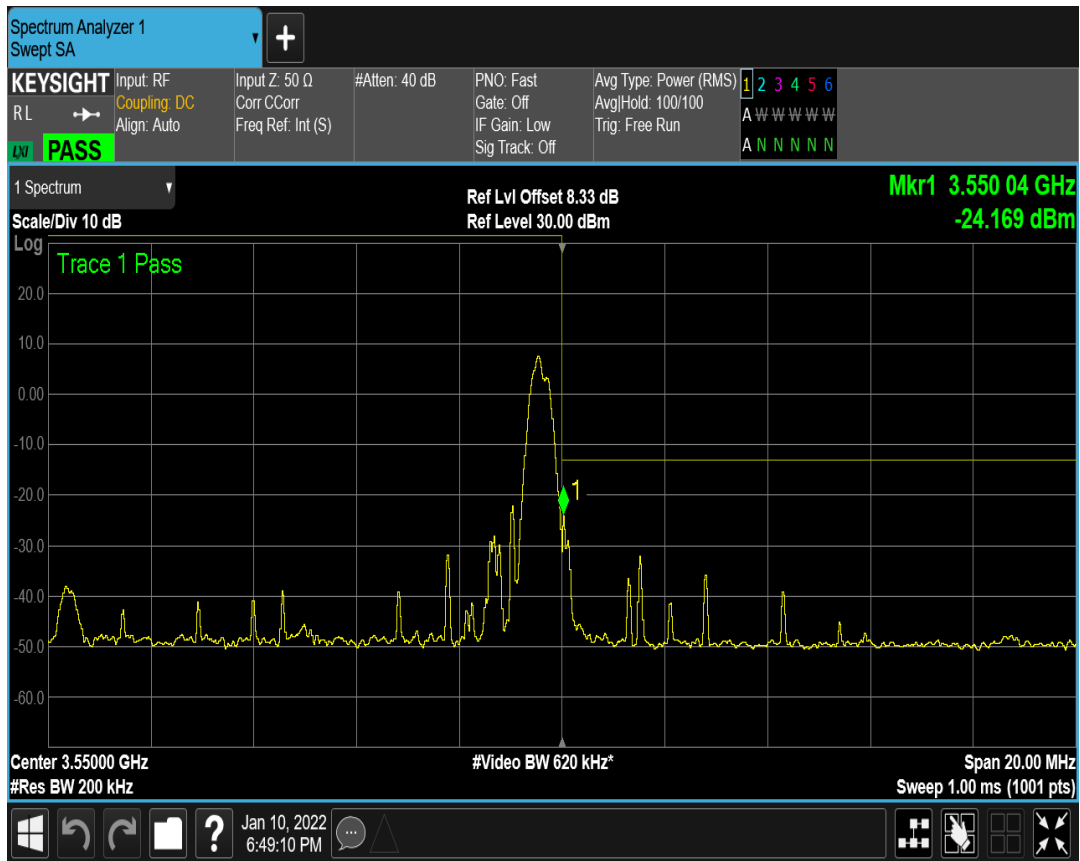


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=50@0

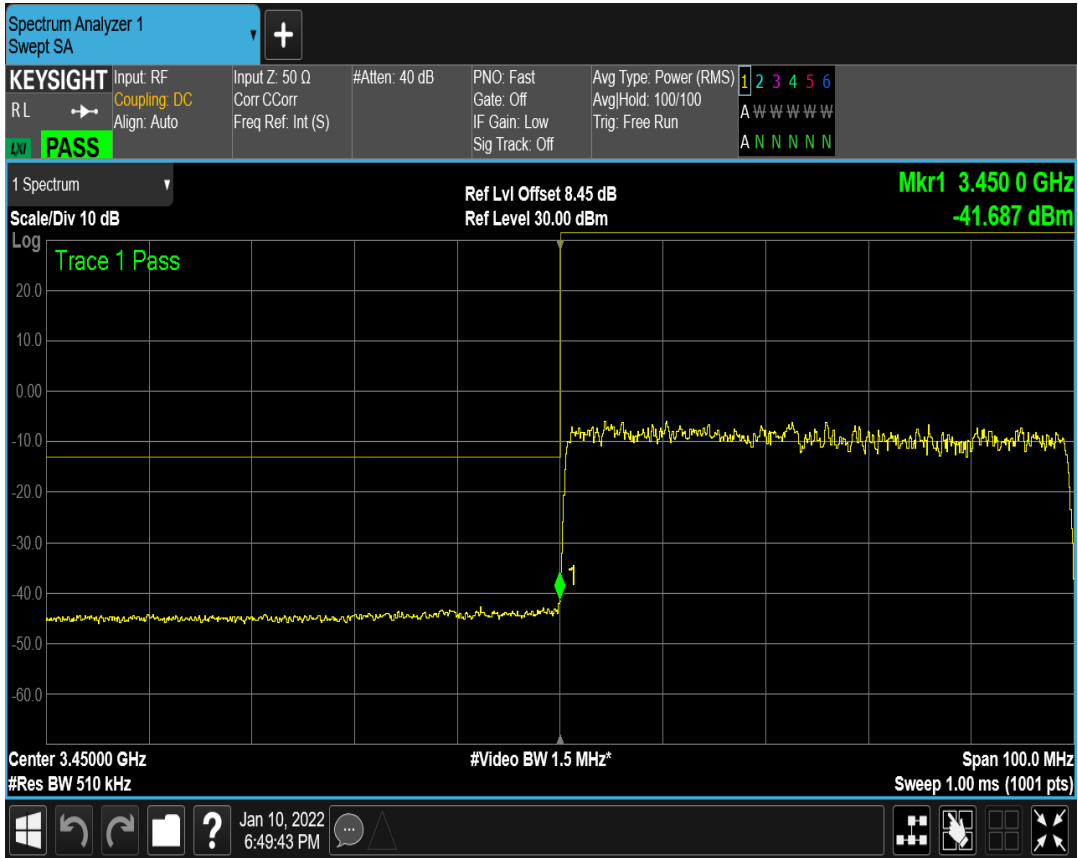


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@51

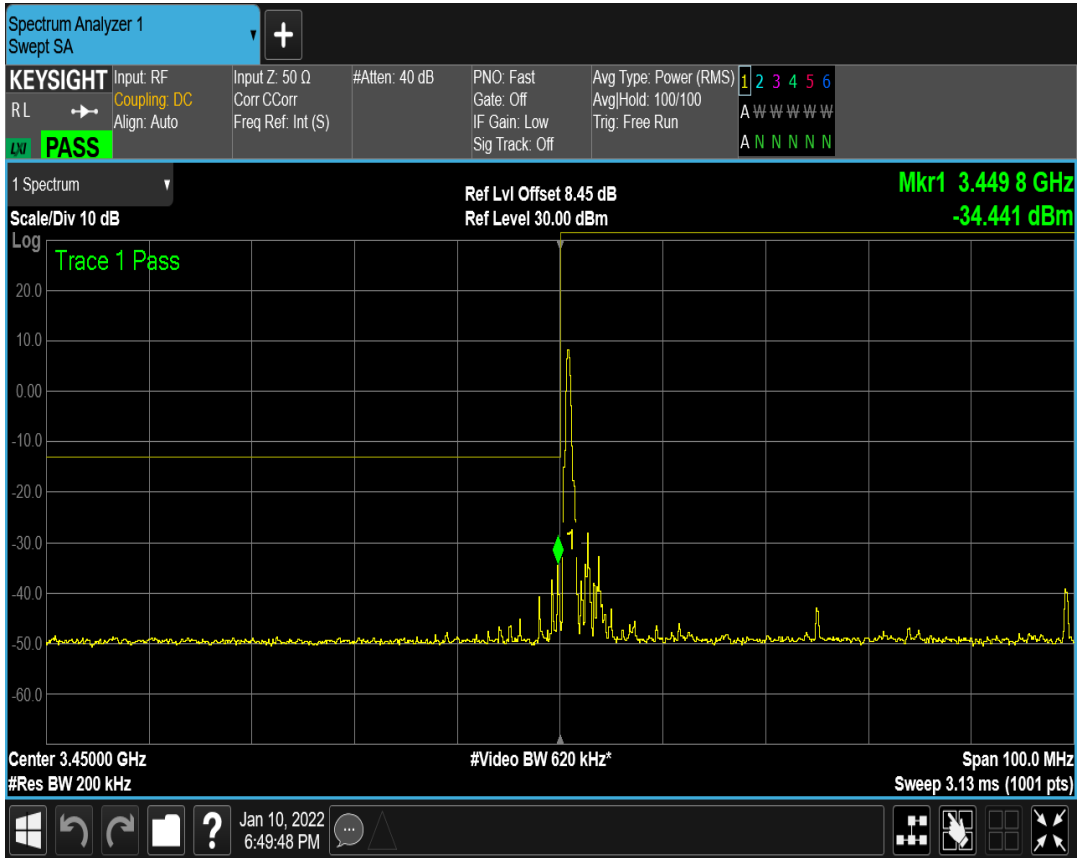




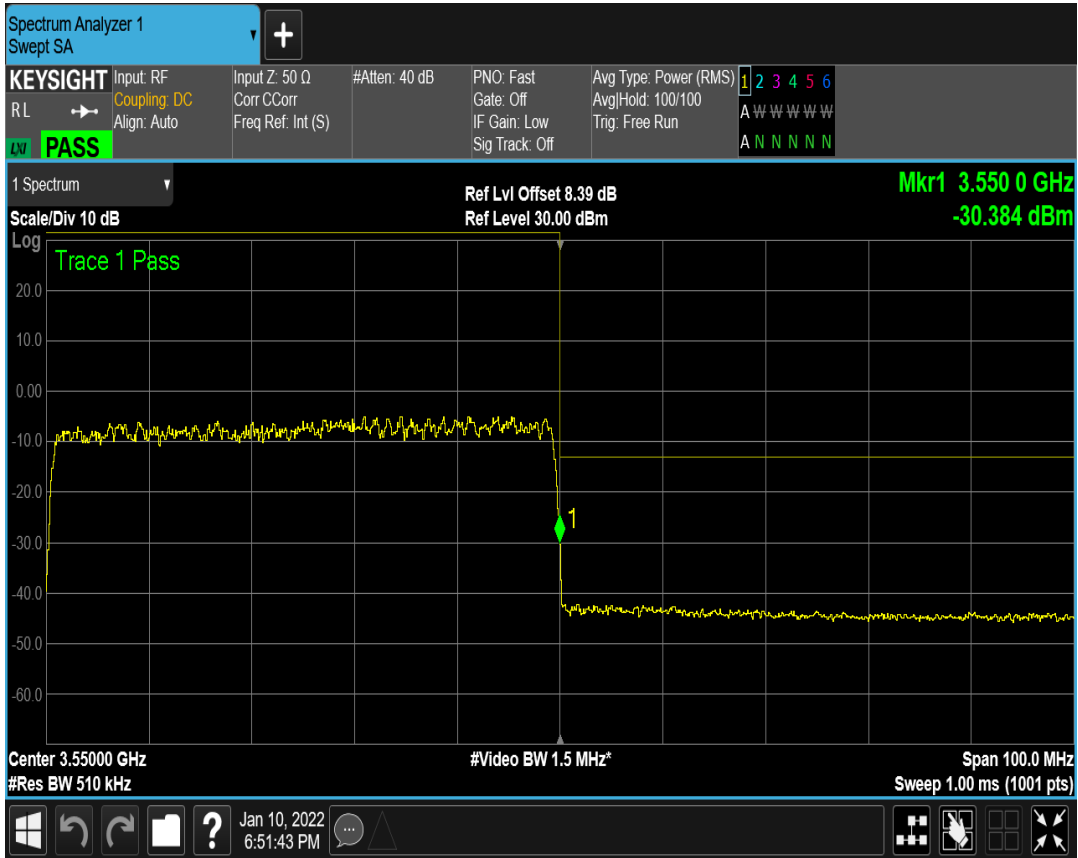
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=270@0



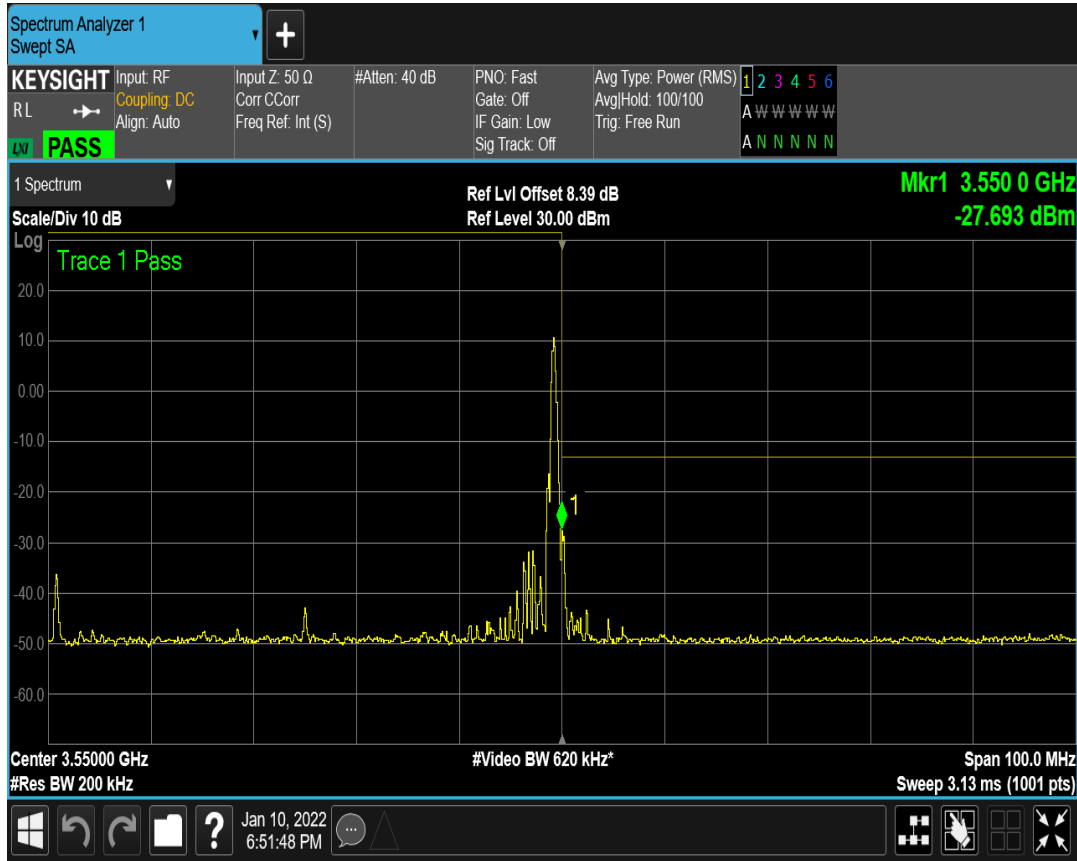
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1 @0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=270@0



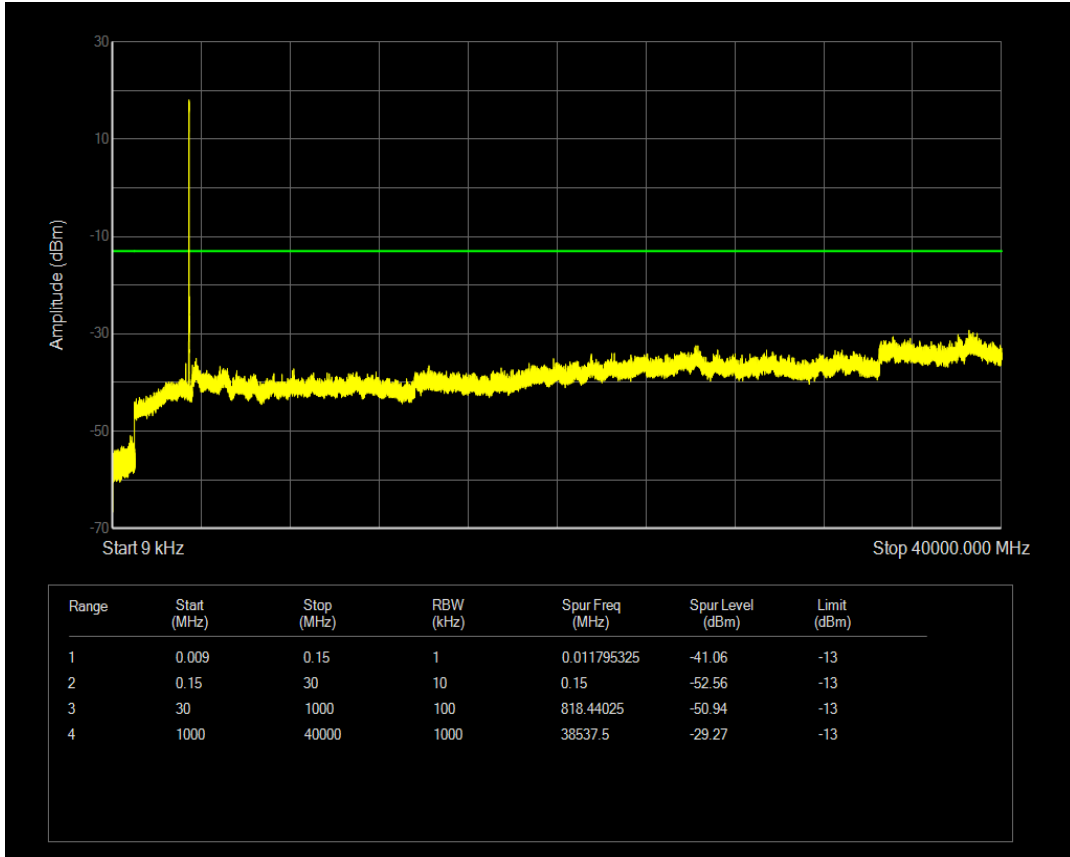
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=1 @269



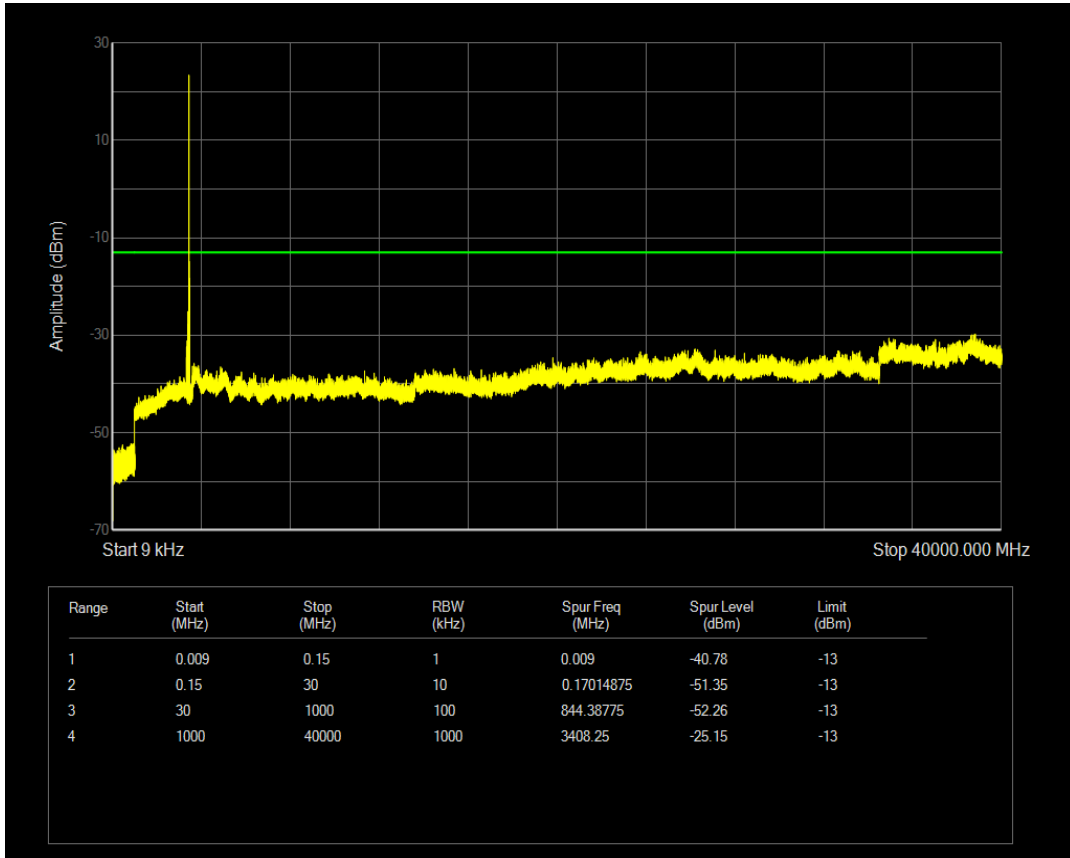
**6 Out-of-band emissions for NR FR1**

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	15	10	630334	50@0	DFT_QPSK	38537.50	-29.27	-13	PASS
n77(3450-3550)	15	10	630334	1@0	DFT_QPSK	3408.25	-25.15	-13	PASS
n77(3450-3550)	15	10	630334	1@51	DFT_QPSK	38849.50	-30.00	-13	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_QPSK	38753.95	-29.96	-13	PASS
n77(3450-3550)	15	10	633334	1@0	DFT_QPSK	38794.90	-29.46	-13	PASS
n77(3450-3550)	15	10	633334	1@51	DFT_QPSK	38727.63	-29.87	-13	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QPSK	38432.20	-29.28	-13	PASS
n77(3450-3550)	15	10	636332	1@0	DFT_QPSK	3597.40	-26.83	-13	PASS
n77(3450-3550)	15	10	636332	1@51	DFT_QPSK	38471.20	-29.26	-13	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QPSK	38640.85	-29.80	-13	PASS
n77(3450-3550)	15	50	631668	1@0	DFT_QPSK	38736.40	-29.95	-13	PASS
n77(3450-3550)	15	50	631668	1@269	DFT_QPSK	35026.53	-29.42	-13	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_QPSK	38647.68	-29.51	-13	PASS
n77(3450-3550)	15	50	633334	1@0	DFT_QPSK	38056.83	-29.91	-13	PASS
n77(3450-3550)	15	50	633334	1@269	DFT_QPSK	38752.00	-29.73	-13	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QPSK	38601.85	-29.89	-13	PASS
n77(3450-3550)	15	50	635000	1@0	DFT_QPSK	38525.80	-29.74	-13	PASS
n77(3450-3550)	15	50	635000	1@269	DFT_QPSK	38741.28	-30.09	-13	PASS

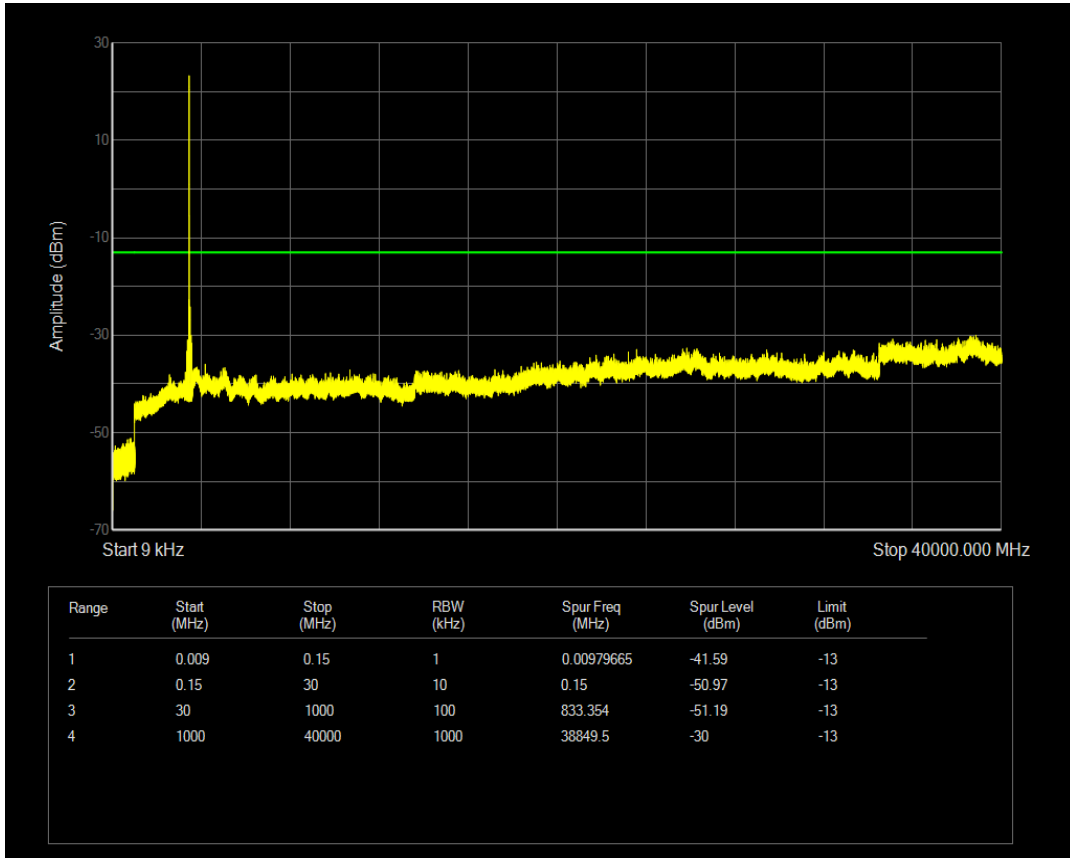
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=50@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0

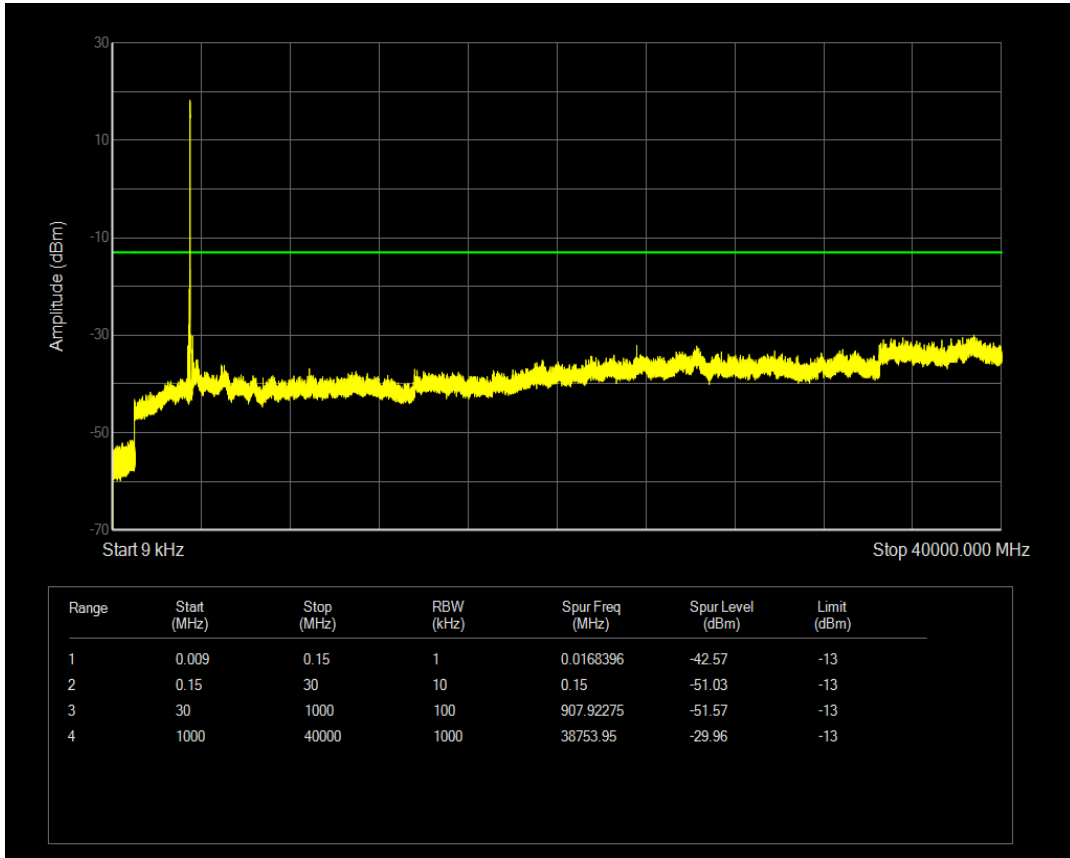


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@51

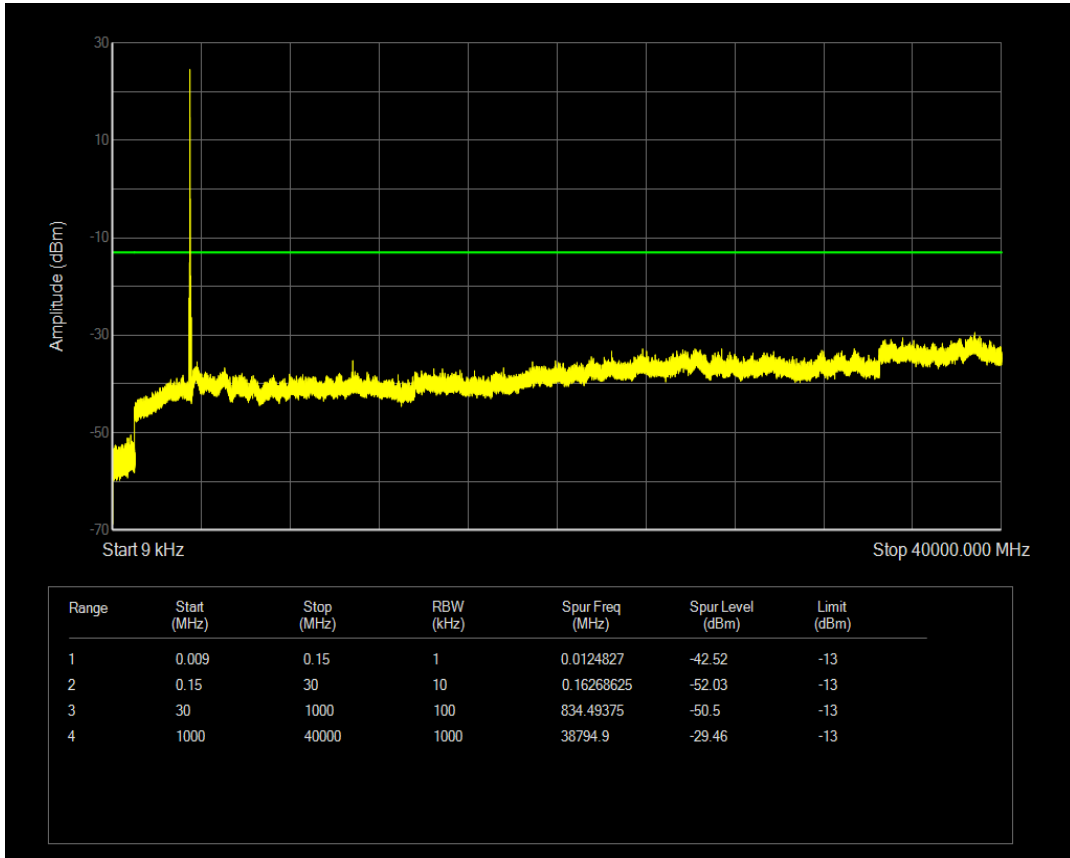


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=50@0

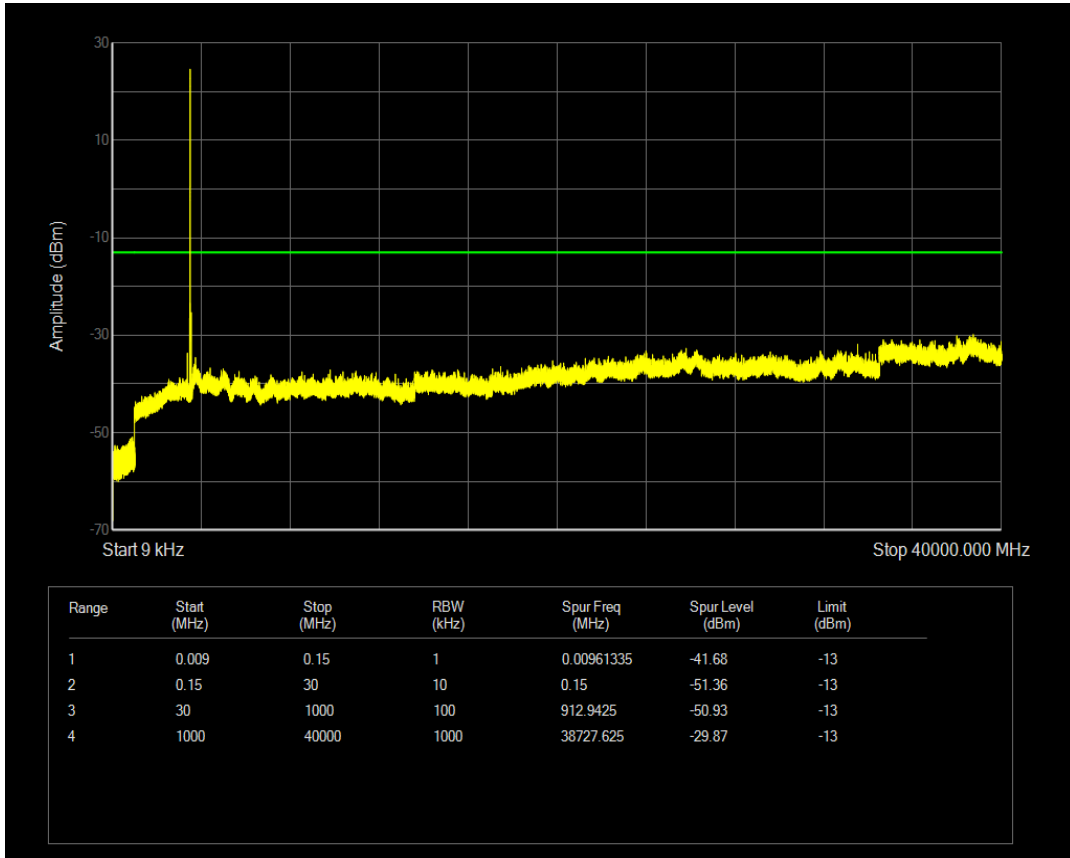




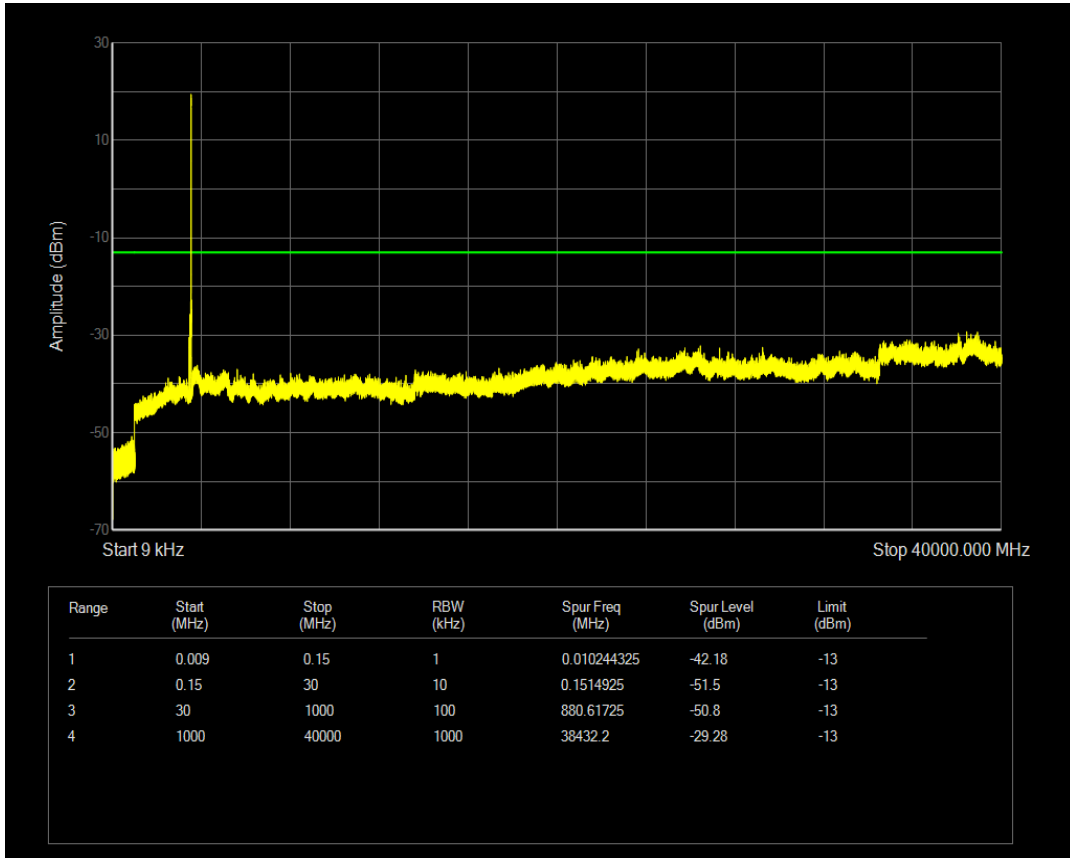
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@0



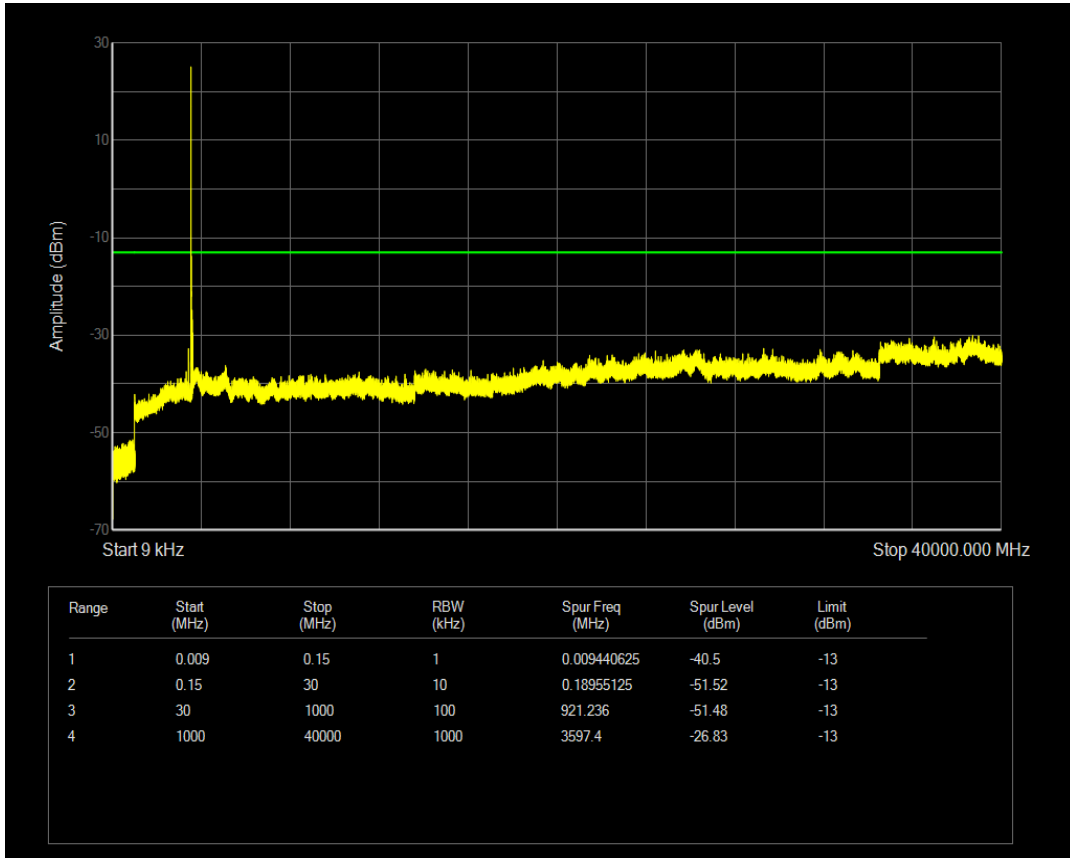
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@51



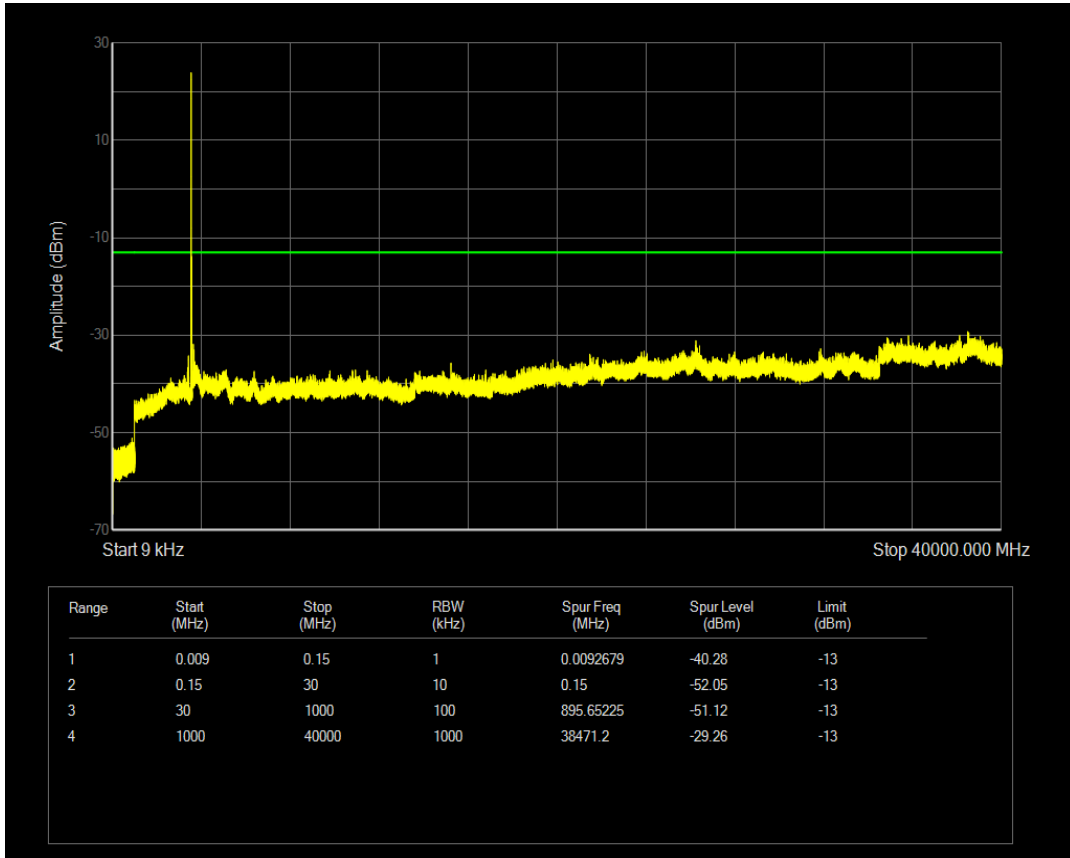
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=50@0



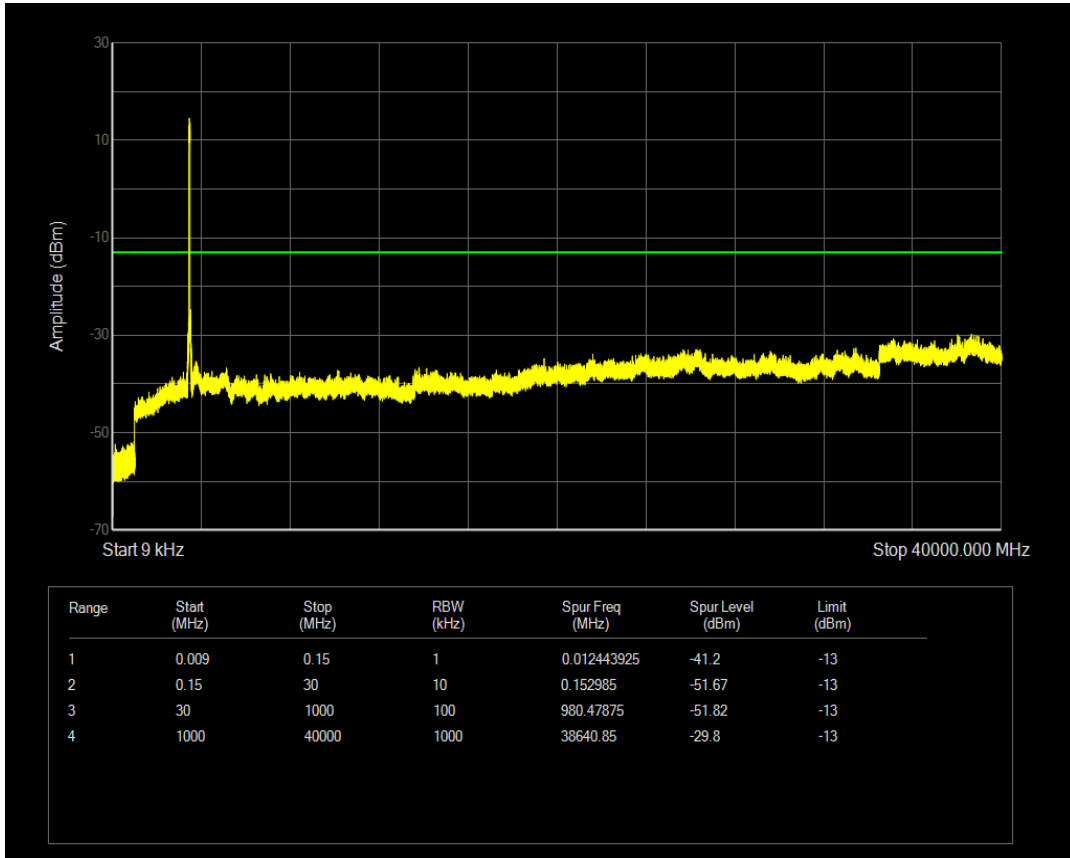
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1 @0



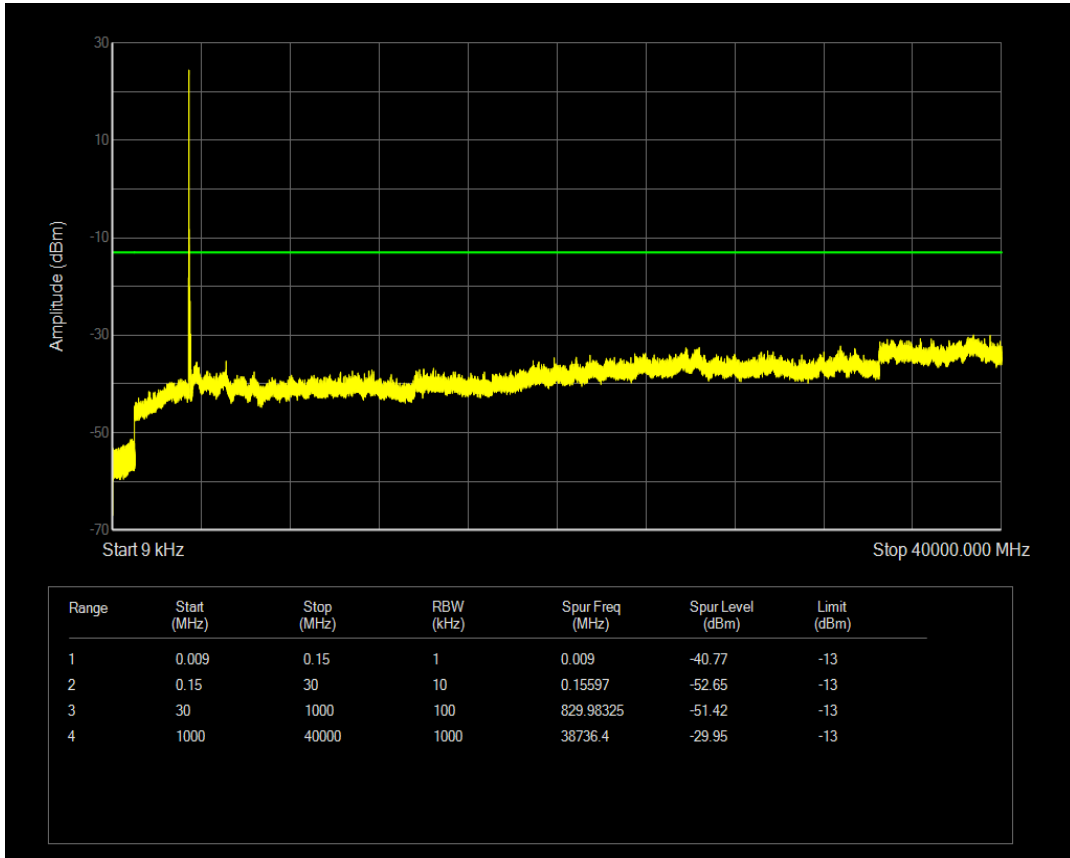
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@51



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=270@0

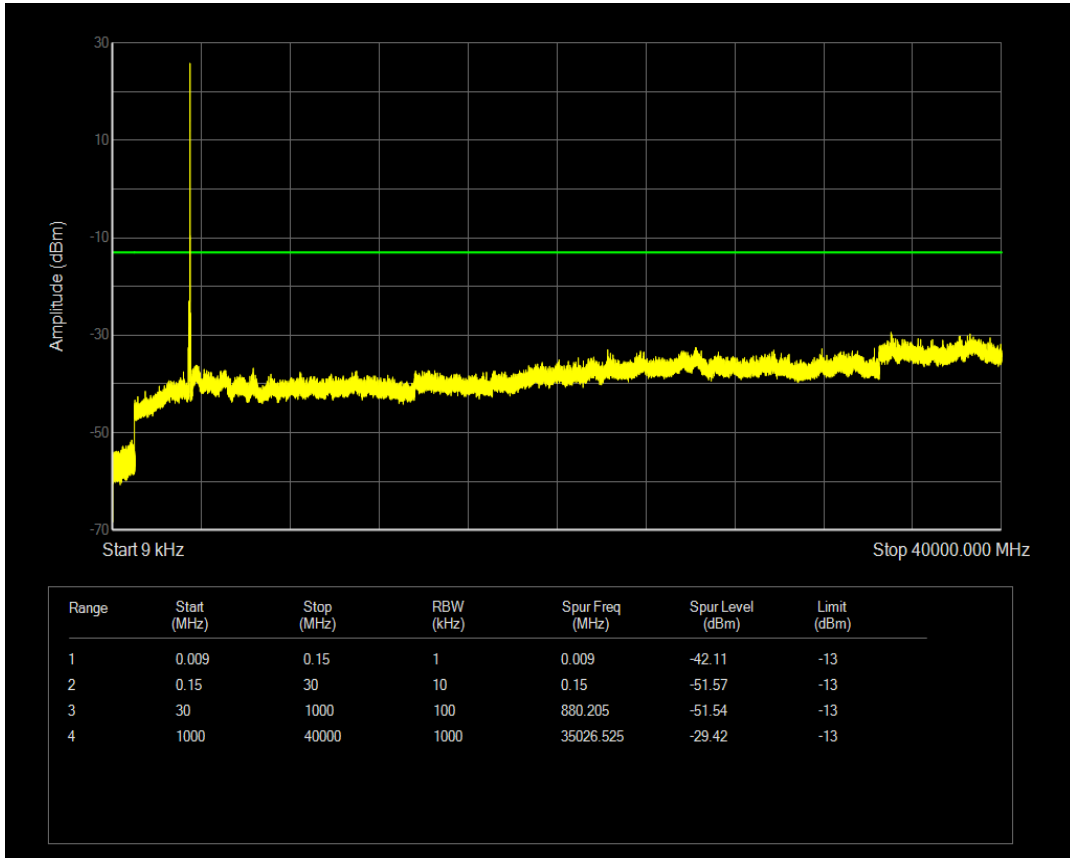


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1 @0

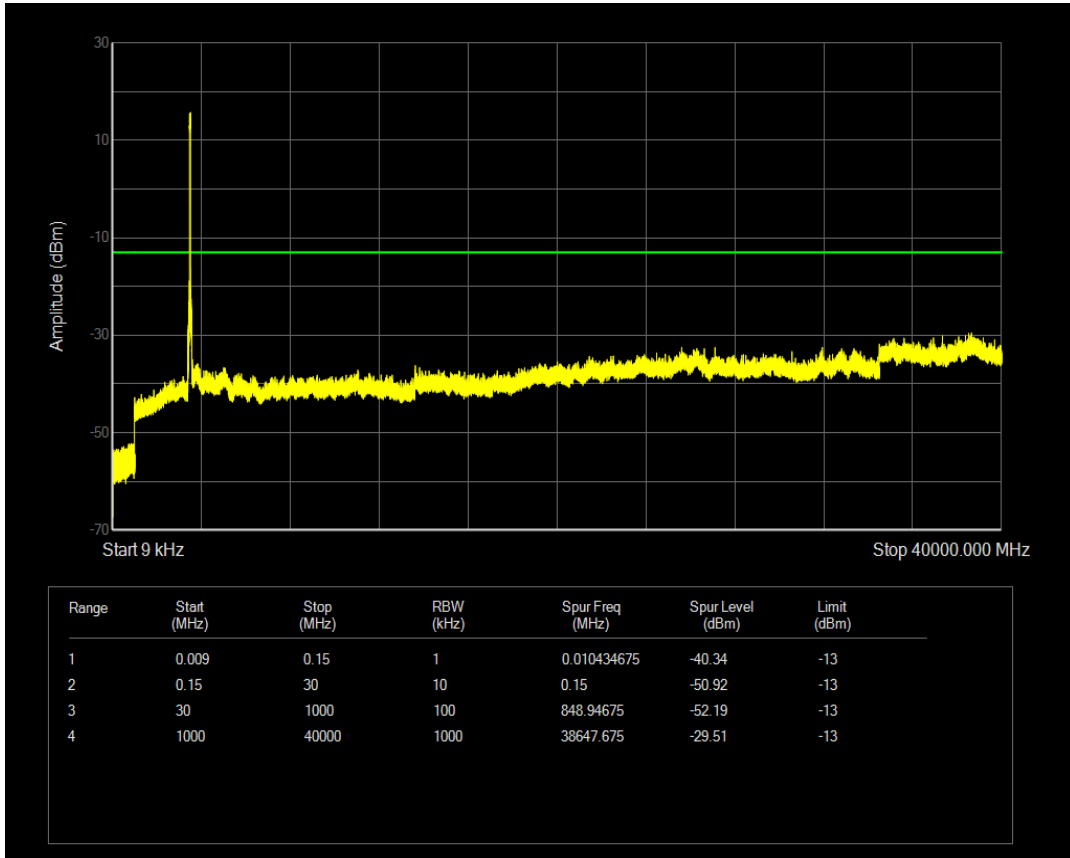


n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=631668 RB=1@269

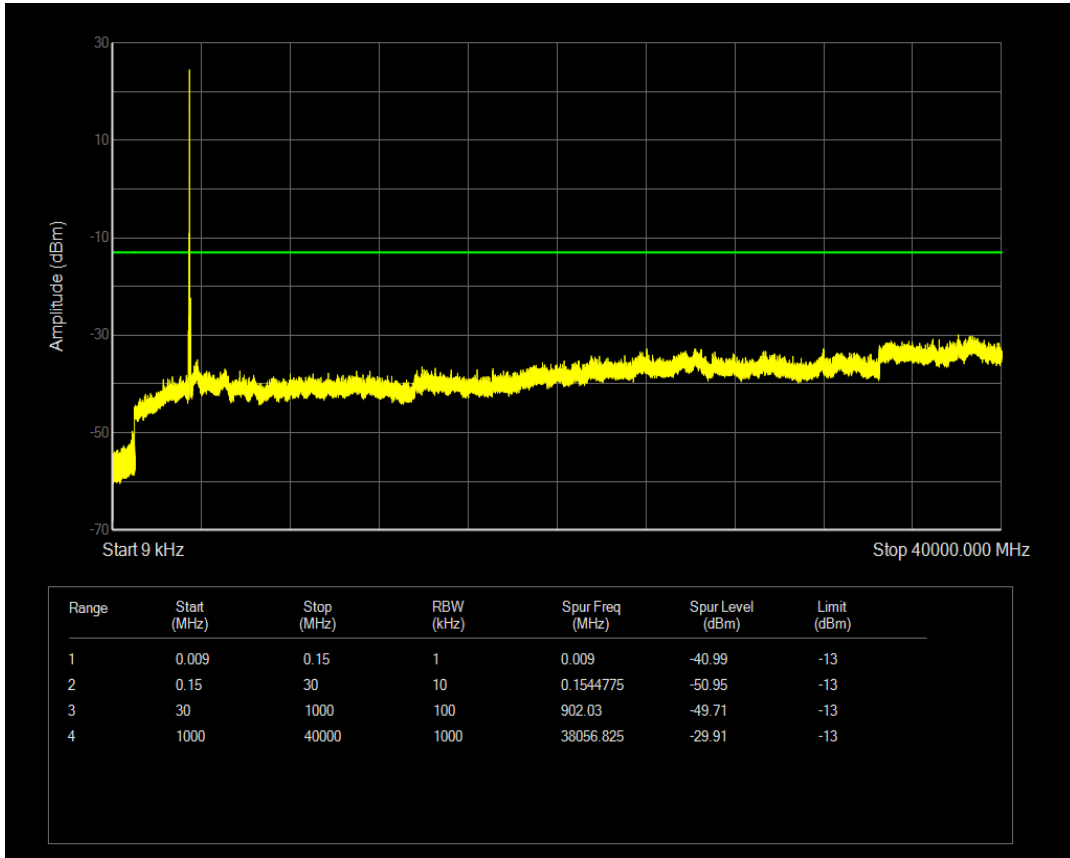




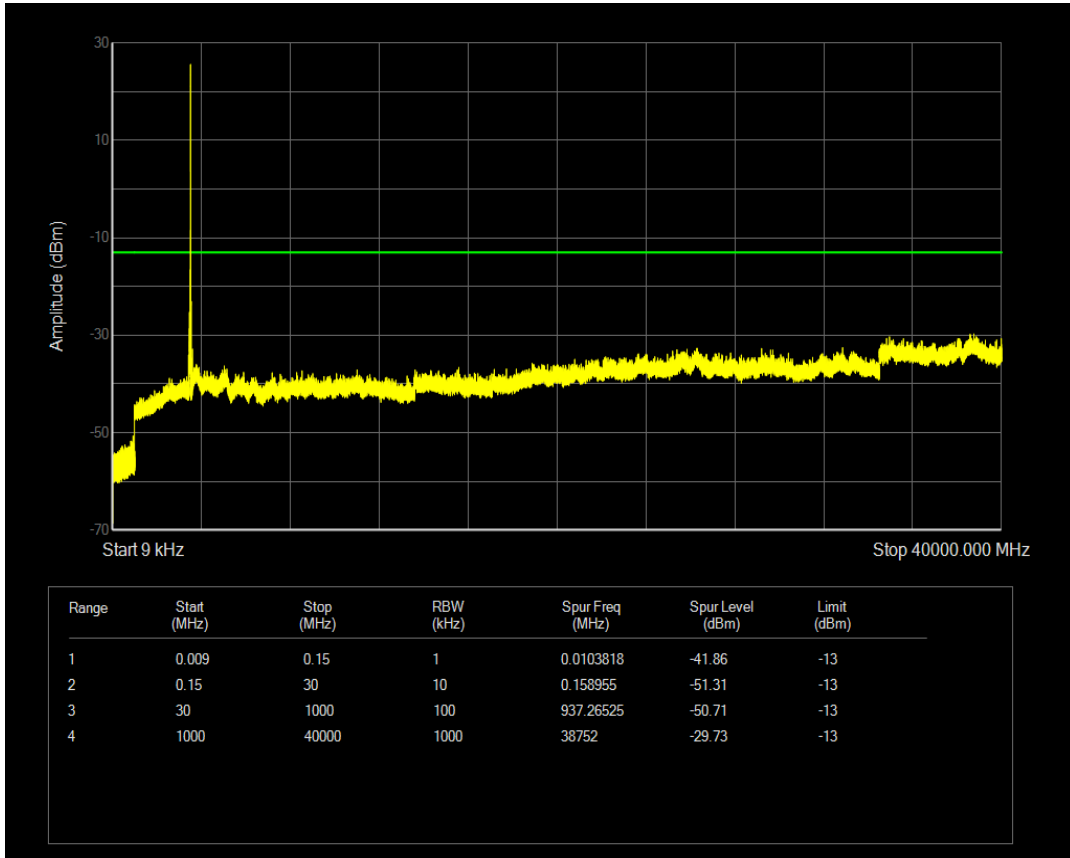
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=270@0



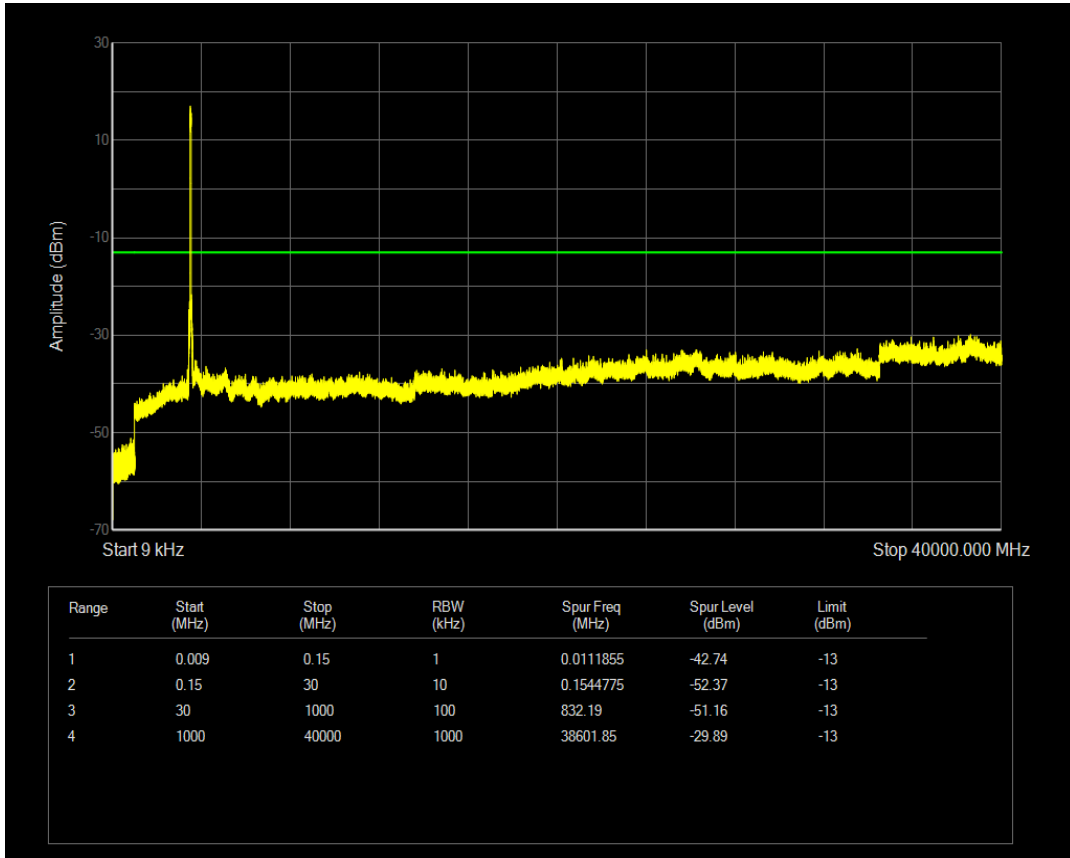
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=1 @0



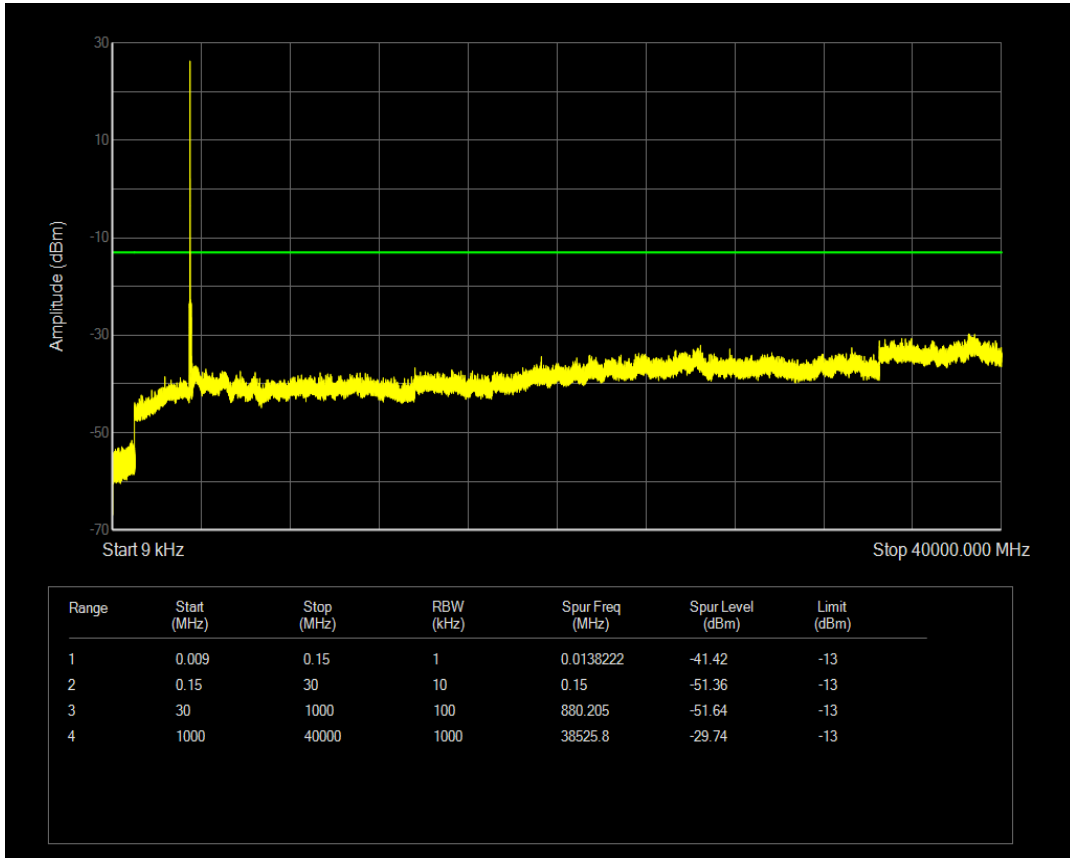
n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=633334 RB=1@269



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=270@0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=1 @0



n77(3450-3550) SCS=15kHz DFT\_QPSK BW=50MHz Channel=635000 RB=1@269

